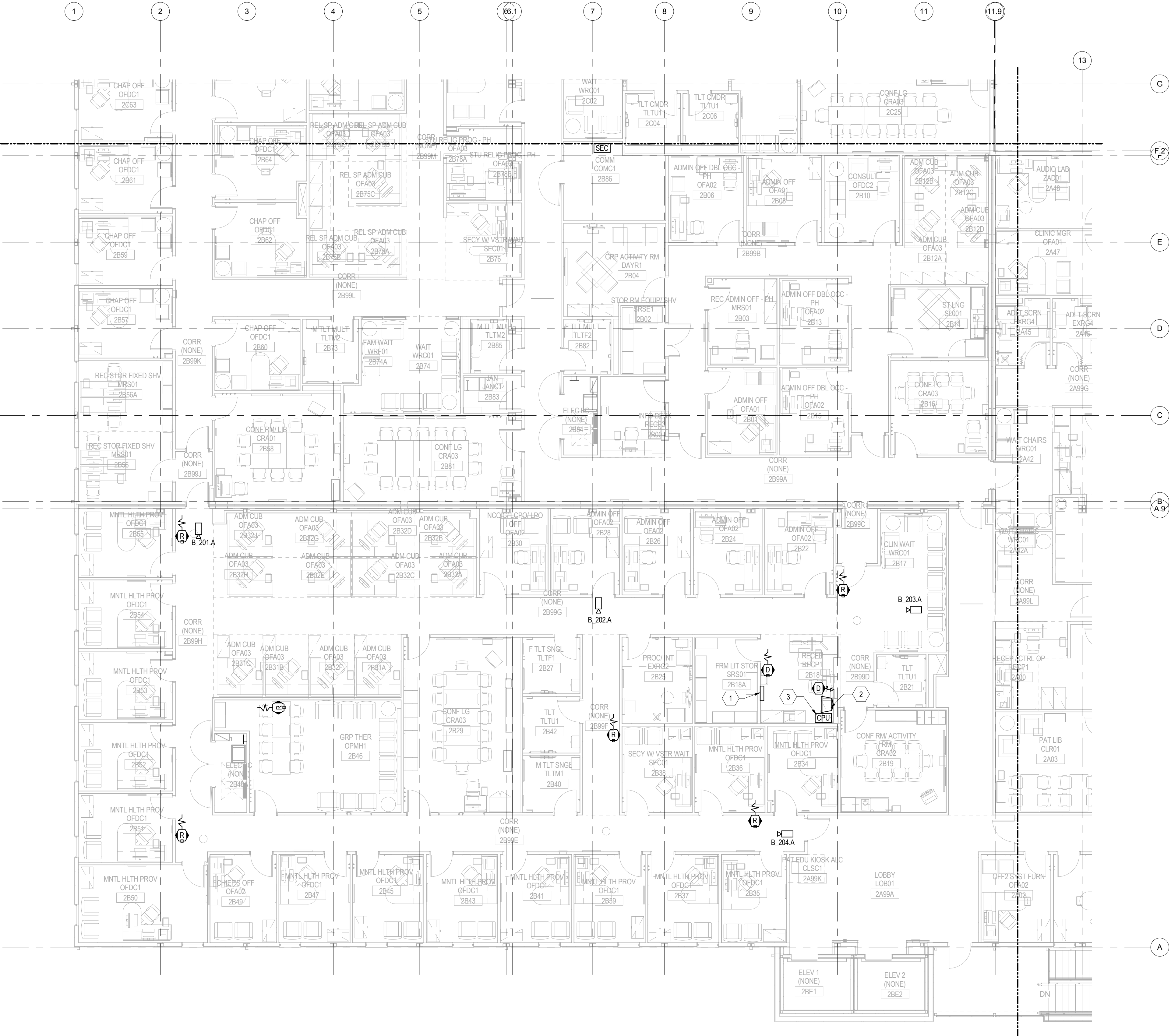




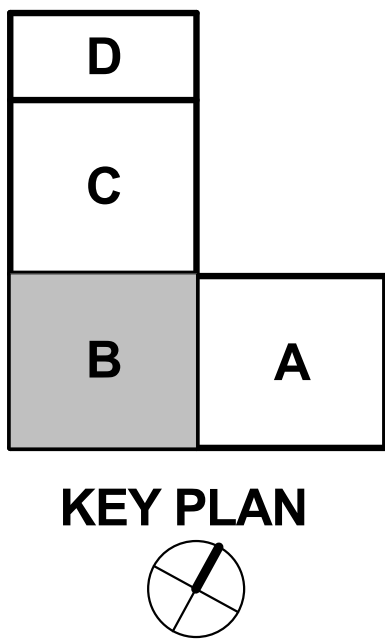


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1 SECURITY - FLOOR PLAN - SECOND FLOOR PLAN AREA B  
1/8" = 1'-0"

0 4'-0" 8'-0" 16'-0"



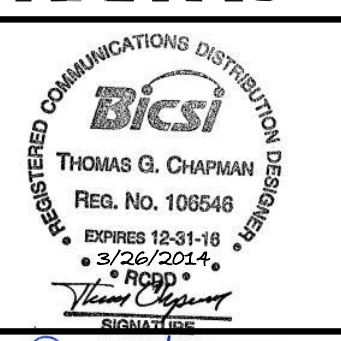
#### GENERAL NOTES:

- REFER TO SHEETS EY-001 FOR LEGENDS, SYMBOLS AND ABBREVIATIONS.
- HOMERUN ALL SECURITY DEVICES IN THIS AREA TO COMM #2886 UNLESS OTHERWISE NOTED.
- ALL WIRELESS DURESS SYSTEM EQUIPMENT IS EXISTING GFGI FROM EXISTING PSYCHIATRIC CLINIC. COORDINATE WITH CONTRACTING OFFICER.
- ROUTE ALL CONDUIT FROM DEVICES TO NEAREST CABLE TRAY.
- COORDINATE ELECTRICAL POWER REQUIREMENTS FOR ALL EXISTING GFGI WIRELESS DURESS SYSTEM AND NEW CCTV SYSTEMS WITH DIVISION 26 ELECTRICAL CONTRACTOR.

#### KEYED NOTES:

- WALL MOUNTED DURESS ALARM DISPLAY PANEL (GFGI).
- DESK MOUNTED VIDEO SURVEILLANCE MONITOR (GFGI).
- EXISTING WIRELESS DURESS SYSTEM COMPUTER WORKSTATION (GFGI). COORDINATE EXACT LOCATION WITH FURNITURE PLANS AND CONTRACTING OFFICER.

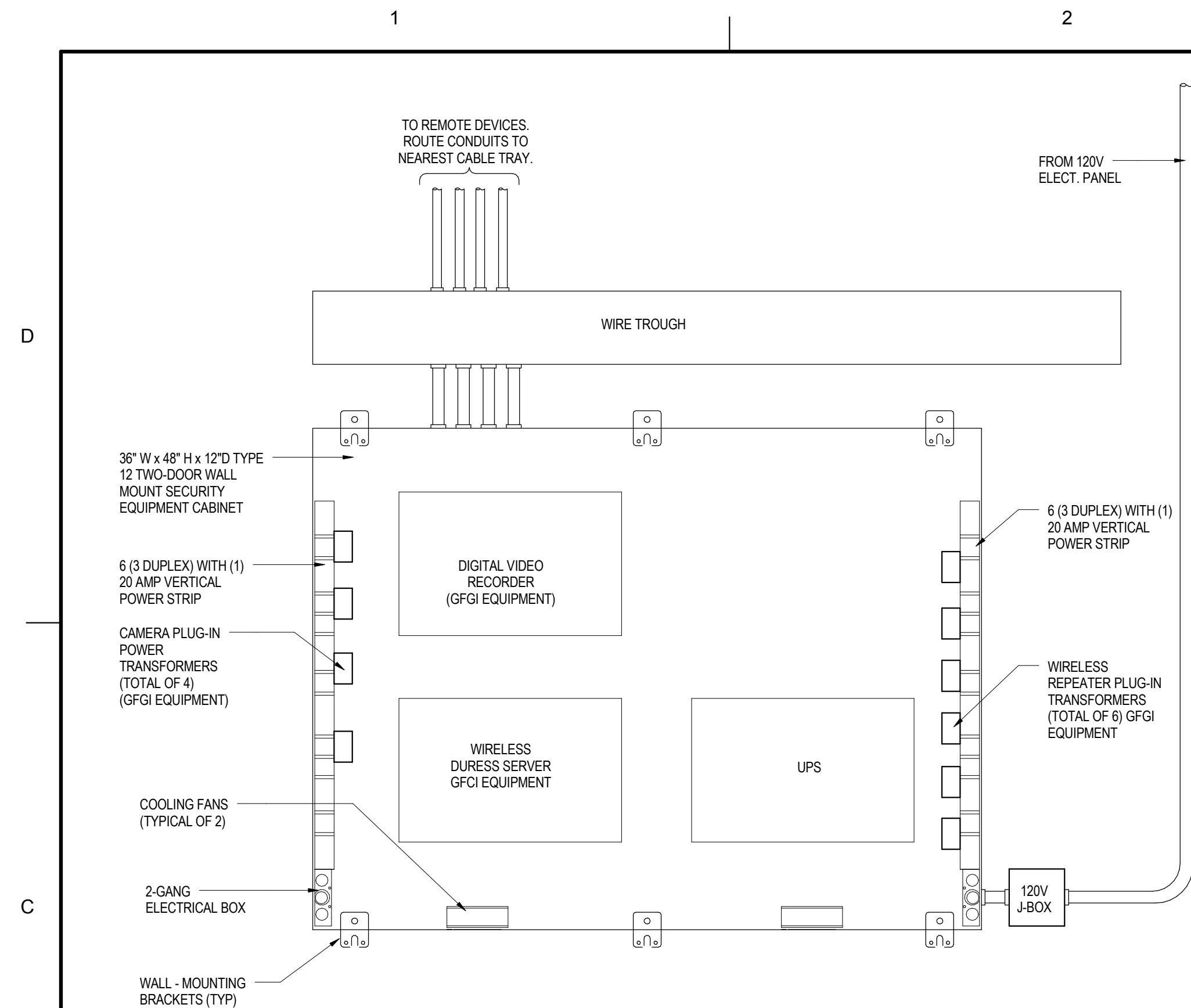
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100% FINAL DESIGN SUBMISSION	02/14/14
65% VS SUBMISSION	11/25/13
65% SUBMITTAL	04/26/13
35% SUBMITTAL	03/08/13
SYM DESCRIPTION	DATE



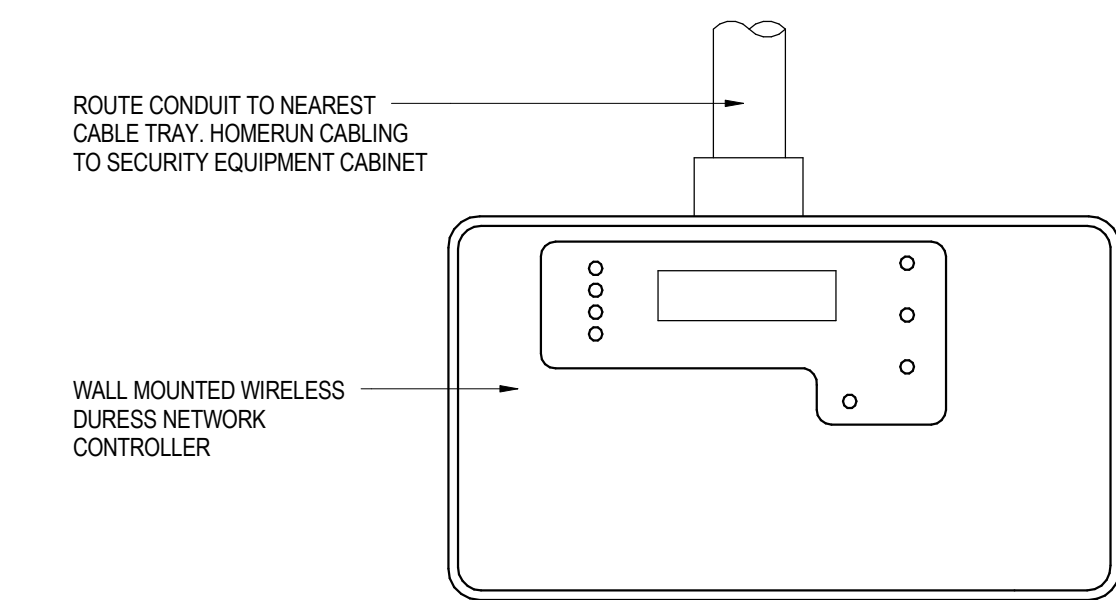
APPROVED	
FOR COMMANDER NAVFAC	
ACTIVITY	
SATISFACTORY TO DATE	
DES SPW DRW DSR CHK DLR	
PMCM	CHEMENJUI/HILL
BRANCH MANAGER	N/A
CHIEF ENGINEER	TOM COX

DEPARTMENT OF THE NAVY	NAVAL FACILITIES ENGINEERING COMMAND	AGENCY	BETHESDA, MD
COMPONENT NAME	NAVAL FACILITIES ENGINEERING COMMAND	PROJECT NAME	P125 - TEMPORARY MEDICAL FACILITIES PACKAGE 2 - CLINIC BUILDING
PROJECT NO.	1151333	CONSTR. CONTR. NO.	N62470-09-D-9044
NAVFAC DRAWING NO.	13066116	SHEET	OF 0
EY-102B			





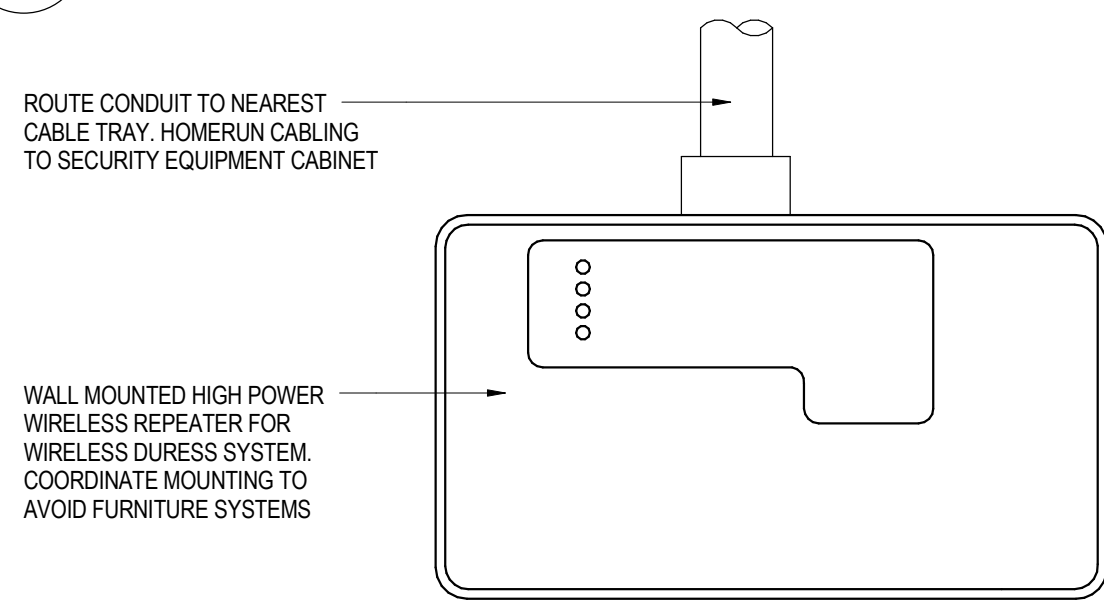
- NOTES:
1. PROVIDE ALL THE NECESSARY HARDWARE, PARTS FOR CABLE MANAGEMENT FEATURE INCLUDING CABLE PASS-THROUGH ON BACKPAN, ABUNDANT CABLE TIE POINTS, INTEGRAL LACING BAR.
  2. PROVIDING BONDING ON BOTH DOORS.
  3. PROVIDE CONDUIT SIZES AND QUANTITIES IN ACCORDANCE WITH NEC.
  4. WIRELESS DURESS EQUIPMENT IS GFGI, EXISTING EQUIPMENT FROM PSYCHIATRIC CLINIC. IN HOSPITAL COORDINATE RELOCATION OF GFGI WIRELESS DURESS EQUIPMENT WITH CONTRACTING OFFICER.



NOTE:

GFGI EQUIPMENT FROM EXISTING PSYCHIATRIC CLINIC. COORDINATE WITH CONTRACTING OFFICER.

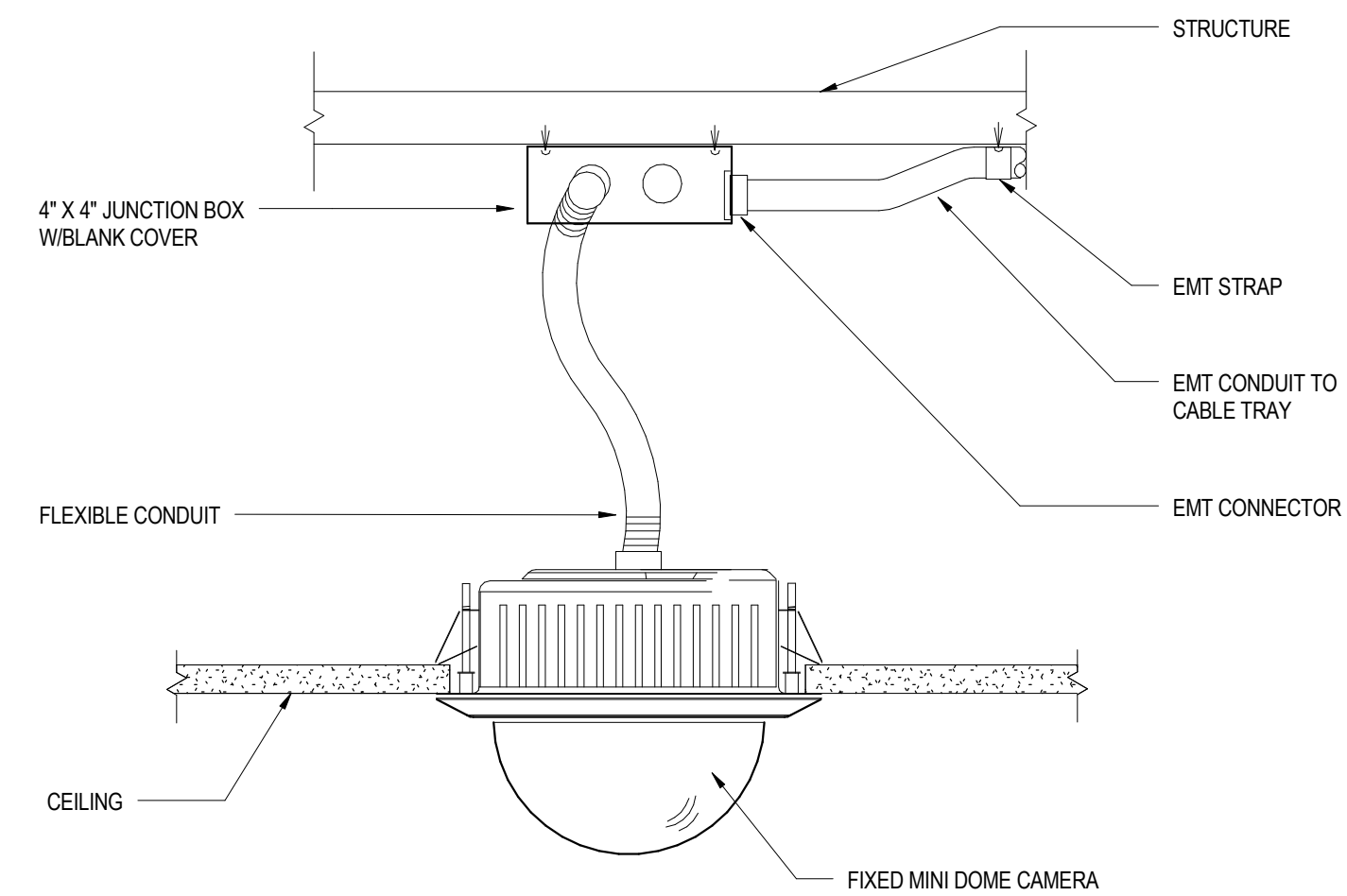
## 2 WIRELESS DURESS NETWORK CONTROLLER



NOTE:

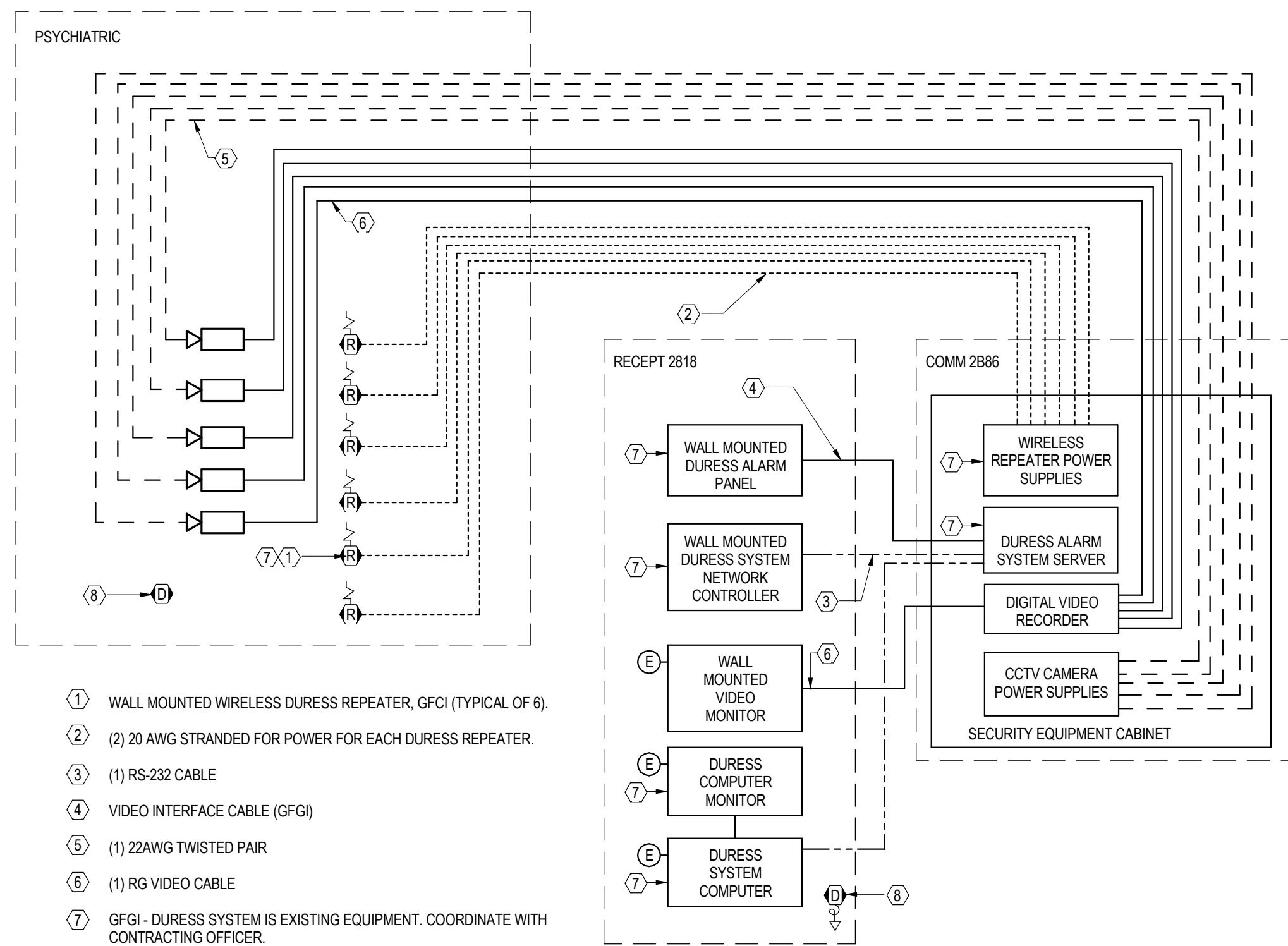
GFGI EQUIPMENT FROM EXISTING PSYCHIATRIC CLINIC. COORDINATE WITH CONTRACTING OFFICER.

### 3 HIGH POWER REPEATER FOR WIRELESS DURESS



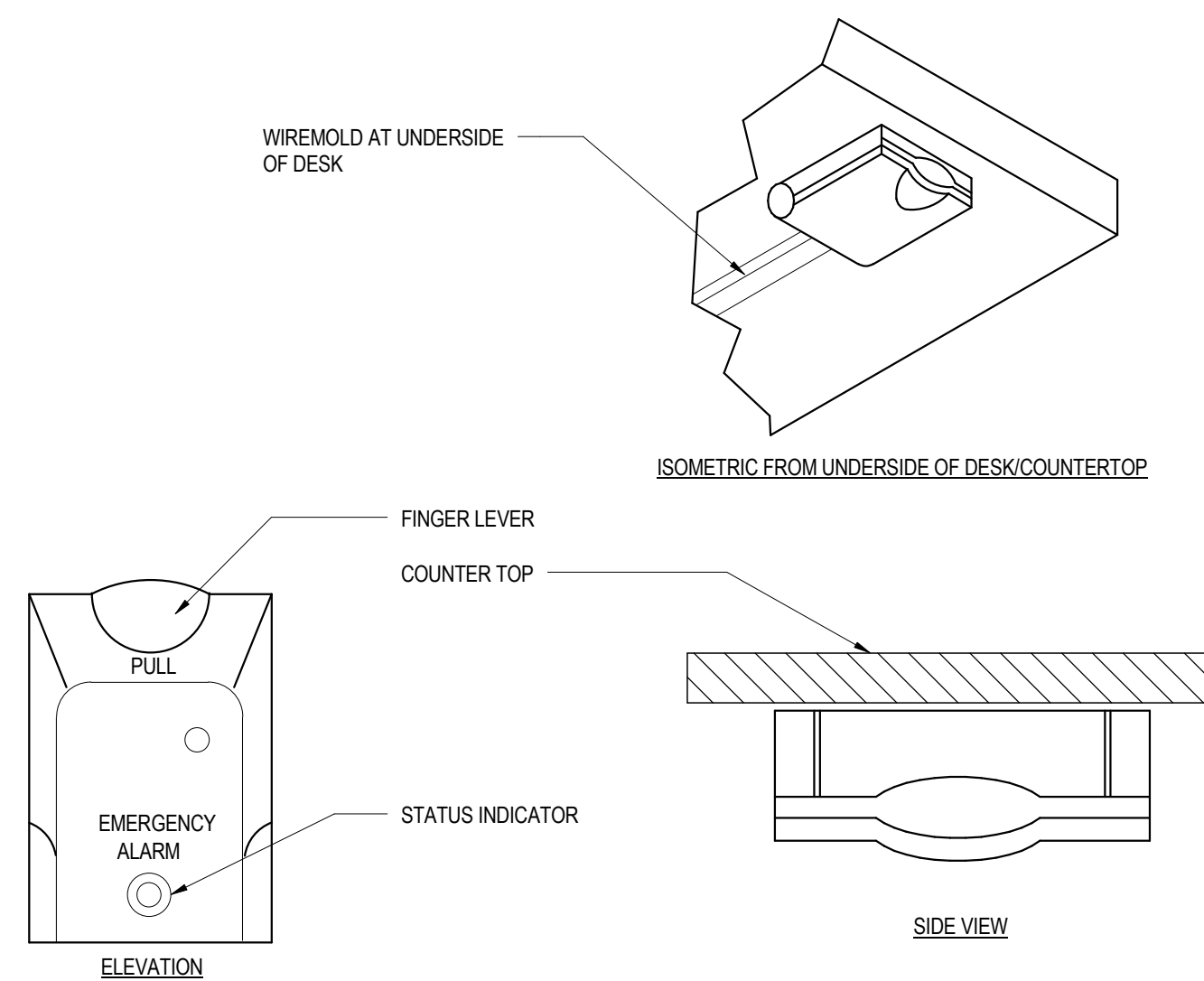
NOTE:  
CAMERA IS GFGI EQUIPMENT.

4 INTERIOR CEILING MOUNTED MINI-DOME CAMERA TYPE A  
NOT TO SCALE

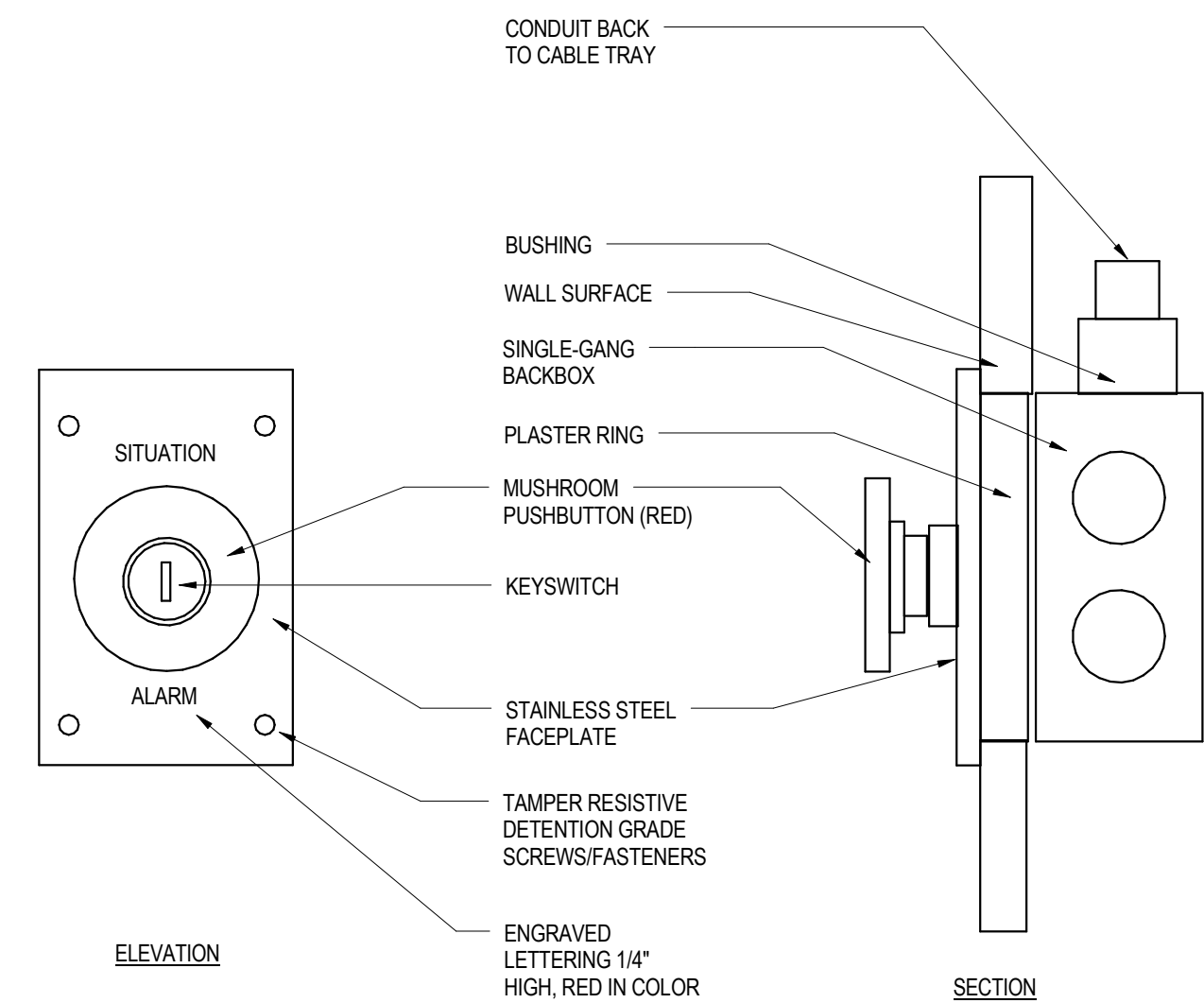


- ① WALL MOUNTED WIRELESS DURESS REPEATER, GFCl (TYPICAL OF 6).
- ② (2) 20 AWG STRANDED FOR POWER FOR EACH DURESS REPEATER.
- ③ (1) RS-232 CABLE
- ④ VIDEO INTERFACE CABLE (GFGI)
- ⑤ (1) 22AWG TWISTED PAIR
- ⑥ (1) RG VIDEO CABLE
- ⑦ GFCl - DURESS SYSTEM IS EXISTING EQUIPMENT. COORDINATE WITH CONTRACTING OFFICER.
- ⑧ EXISTING GFCl WALL AND DESK MOUNT DURESS ALARM BUTTONS. COORDINATE INSTALLATION AND EXACT LOCATION WITH CONTRACTING OFFICER.

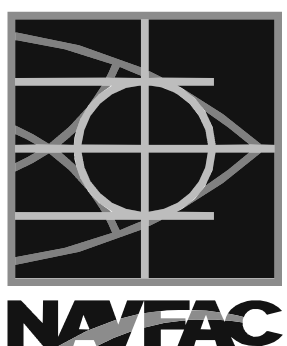
## 5 SECURITY SYSTEM SINGLE LINE DIAGRAM



6 DESK/CASEMENT MOUNTED DURESS ALARM  
NOT TO SCALE



7 WALL MOUNT DURESS ALARM  
12" = 1'-0"

[illegible]

Paul G. Min



**ARCHITECTURE | ENGINEERING  
& CONSULTING**

1101 KING STREET  
SUITE 400  
ALEXANDRIA, VIRGINIA 22314  
703-518-8500

APPROVED					
FOR COMMANDER NAVFAC					
ACTIVITY					
SATISFACTORY TO DATE					
DES	SPW	DRW	DSR	CHK	DLR
PMDM		CHEMENJU/HILL			
BRANCH MANAGER		N/A			
CHIEF ENGINEER		TOM COX			




















DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND NAVAL FACILITIES ENGINEERING COMMAND -- AGENCY COMPONENT NAME	BETHESDA, MD P125 - TEMPORARY MEDICAL FACILITIES PACKAGE 2 - CLINIC BUILDING	BASE, CITY, STATE
PROJECT STATION/INSTALLATION		
SECURITY DETAILS		






















SCALE:	12" = 1'-0"
EPROJECT NO.:	1151333
CONSTR. CONTR. NO.	N62470-09-D-9044
NAVFAC DRAWING NO.	13066117
SHEET	OF 0

EY-501



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<b>NURSE CALL</b>	
	NURSE CALL DEVICE - WALL MOUNTED
	NURSE CALL DEVICE - CEILING MOUNTED
	NURSE CALL DEVICE - DESK MOUNTED
NOTE A: PATIENT, STAFF AND DUTY STATION AND BUTTON STATIONS MOUNTED AT +48" U.O.N.	
THE FOLLOWING SUBSCRIPTS ARE USED TO INDICATE THE VARIOUS TYPES OF NURSE CALL STATIONS	
P	— SINGLE PATIENT BEDSIDE STATION
P2	— DUAL PATIENT BEDSIDE STATION
DL	— DOME LIGHT AT +90" OR CEILING MOUNTED
DLA	— DOME LIGHT WITH AUDIBLE TONE AT +90" OR CEILING MOUNTED
ZL	— ZONE LIGHT AT +90" OR CEILING MOUNTED
S	— STAFF STATION
D	— DUTY STATION
SL	— STAFF LOCATOR PUSHBUTTON PRESENCE STATION
L	— STAFF/EQUIPMENT LOCATOR RECEIVER
EP	— EMERGENCY PULL CORD +42" AT WATER CLOSET, +66" AT SHOWER
EB	— EMERGENCY BUTTON (AT +42" IN TOILETS)
SB	— STAFF ASSISTANCE BUTTON
CB	— CARDIAC ARREST BUTTON (CODE BLUE)
M	— NURSE CALL MASTER STATION
LA	— LIGHTED ANNUNCIATOR PANEL AT +66"
CA	— CARDIAC ARREST LIGHTED ANNUNCIATOR PANEL AT +66"
BM	— BED MAINTENANCE / CLEANING STATION AT +48"
BI	— BED INTERFACE 37 PIN RECEPTACLE
CP	— CARDIAC ASSIST INFANT (CODE PINK)
SP	— PSYCHIATRIC STAFF ASSIST STATION - HARDWIRED
PC	— PATIENT STATION CEILING MOUNTED - HARDWIRED
K	— KEY OPERATOR SWITCH
HK	— HOUSE KEEPING STATION
<b>PUBLIC ADDRESS</b>	
	PUBLIC ADDRESS SPEAKER HORN AT +96"
	VOLUME CONTROL FOR P.A. SPEAKER AT +48"
	PUBLIC ADDRESS AUDIO SELECTOR SWITCH AT +48"
	SOUND DISTRIBUTION RACK
	MICROPHONE OUTLET AT +18"
	MICROPHONE OUTLET CEILING MOUNTED
	MICROPHONE OUTLET FLOOR MOUNTED
	WALL MOUNTED PUBLIC ADDRESS SPEAKER
	CEILING MOUNTED PUBLIC ADDRESS SPEAKER
	CEILING MOUNTED PROGRAM AUDIO SPEAKER
THE FOLLOWING SUBSCRIPTS ARE USED TO INDICATE THE VARIOUS TYPES OF SPEAKERS	
NO SUBSCRIPT - PUBLIC ADDRESS ONLY	
M	— MUSIC ONLY
MP	— MUSIC AND PUBLIC ADDRESS
D	— DEPARTMENTAL AND GENERAL PAGING
2	— TWO-WAY PUBLIC ADDRESS AND MONITORING
V	— INTEGRAL VOLUME CONTROL
<b>INTERCOM</b>	
	MASTER INTERCOM STATION, DESK MOUNTED AND WALL MOUNTED OUTLET AT +18"
	MASTER INTERCOM STATION, WALL MOUNTED AT +48"
THE FOLLOWING SUBSCRIPTS ARE USED TO INDICATE THE VARIOUS TYPES OF INTERCOMS	
NO SUBSCRIPT - MASTER STATION WITHOUT HANDSET	
S	— STAFF STATION
2	— STAFF STATION CAPABLE OF CALLING TWO MASTERS
H	— MASTER STATION WITH HANDSET
M,S	— TWO-UNIT INTERCOM SYSTEM AT +48"
M	— MASTER, S—SLAVE
	INTERCOM STATION, PEDESTAL MOUNTED
<b>TELEVISION DISTRIBUTION</b>	
	TV OUTLET, REQUIRES (1) CAT 6 CABLE AT +84" A.F.F. COORDINATE WITHIN 6" OF ELECTRICAL OUTLET
	VIDEO PLAYING/RECORDING EQUIPMENT OUTLET
	VIDEO RECORDING EQUIPMENT OUTLET

<b>TELECOMMUNICATIONS WIRED INFRASTRUCTURE</b>	
<b>PATHWAYS AND CABLE</b>	
<b>TYPICAL OUTLET SYMBOL NOTES</b>	
AC	— MOUNTED 4" ABOVE COUNTER, CASEWORK, BACKSLASH OR 48" IF NOTHING BELOW. COORDINATE WITH ARCHITECTURAL DETAILS AND CASEWORK CONTRACTOR.
*+84"	— INDICATES MOUNTING HEIGHT ABOVE FINISHED FLOOR.
<b>NOTES</b>	
1.	OUTLETS LOCATED AT COUNTERS SHALL BE LOCATED 18" AFF IN KNEE SPACE IF PROVIDED OR 4" ABOVE COUNTER OR BACK SPLASH AS APPLICABLE IF NO KNEE SPACE IS PROVIDED U.O.N.
2.	# = SUBSCRIPT TO INDICATE VARIOUS OUTLET TYPES. REFER TO SPECIFICATIONS FOR OUTLET FACEPLATE CONFIGURATION(S).
R	— AREA OF REFUGE
WP	— OUTLET MOUNTED IN NEMA 4X RATED WEATHER PROOF
E	— OUTLET FOR ELEVATOR SYSTEM. COORDINATE EXACT LOCATION AND REQUIREMENT WITH ELEVATOR CONTRACTOR.
P	— PUBLIC
F	— REFRIGERATION MONITORING
M	— MEDICAL EQUIPMENT
	
STANDARD TELE/ DATA OUTLET. WALL MOUNTED REQUIRES (1) CAT 6 CABLE FOR VOICE AND (2) CAT 6 CABLES FOR DATA & (3) BLANK. PROVIDE 1" CONCEALED CONDUIT TO 6" ABOVE ACCESSIBLE CEILING, UON.	
	
STANDARD VOICE OUTLET. WALL MOUNTED REQUIRES (1) CAT 6 CABLE. PROVIDE 1" CONCEALED CONDUIT TO 6" ABOVE ACCESSIBLE CEILING, UON.	
	
STANDARD DATA OUTLET. WALL MOUNTED REQUIRES (1) CAT 6 CABLE. PROVIDE 1" CONCEALED CONDUIT TO 6" ABOVE ACCESSIBLE CEILING, UON.	
	
STANDARD TELE/ DATA OUTLET. CEILING MOUNTED REQUIRES (2) CAT 6 CABLES. PROVIDE 1" CONCEALED CONDUIT TO 6" ABOVE ACCESSIBLE CEILING, UON.	
	
STANDARD DATA OUTLET. CEILING MOUNTED REQUIRES (1) CAT 6 CABLE. PROVIDE 1" CONCEALED CONDUIT TO 6" ABOVE ACCESSIBLE CEILING, UON.	
	
WALL MOUNTED DUPLEX OUTLET FOR PHYSIOLOGICAL MONITORING. REQUIRED (1) 1" CONDUIT HOMERUN TO NEAREST CABLE TRAY UON.	
	
FLOOR JUNCTION BOX. REQUIRES 1" CONDUIT TURN UP TO ACCESSIBLE CEILING AS SHOWN ON FLOOR PLAN UON.	
	
FLOOR MOUNTED JUNCTION BOX. SIZE TO SUPPORT ACTUAL AMOUNT OF CABLE PROVIDED PLUS AN ADDITIONAL 25% SPARE CAPACITY.	
	
WALL MOUNTED JUNCTION BOX. SIZE TO SUPPORT ACTUAL AMOUNT OF CABLE PROVIDED PLUS AN ADDITIONAL 25% SPARE CAPACITY.	
	
CEILING MOUNTED WIRELESS ACCESS POINT DATA OUTLET IN ENCLOSURE. REQUIRES (2) CAT 6 CABLES.	
	
FLOOR OUTLET. REQUIRES (2) 1" CONDUIT TURN UP TO ACCESSIBLE CEILING AS SHOWN ON FLOOR PLAN UON. PATHWAY PROVIDED BY ELECTRICAL CONTRACTOR. REFER TO ELECTRICAL DRAWINGS AND SCHEDULE FOR REQUIREMENTS.	
<b>MISC. COMMUNICATIONS</b>	
	
VISUAL PAGE UNIT	
	
CABLE TRAY	
	
CENTRAL PROCESSING UNIT	
	
BELL TRANSFORMER	
	
DOOR CHIME AT +84"	
	
AMPLIFIER ASSEMBLY WITH CONTROLS	
	
OUTLET FOR DESK MOUNTED EQUIPMENT	
	
REMOTE ALARM INDICATOR FOR ISOLATION TRANSFORMER AT +72"	
	
VIDEO TELECONFERENCE WALL ASSEMBLY LOCATION. REFER TO DETAIL 1 & 2 ON SHEET T-503	
MOUNT AT 48" AFF AND COORDINATE WITH ELECTRICAL.	
	
COMMUNICATIONS CABLE RUNWAY	

<b>ABBREVIATIONS</b>	
A	AMPERE
ACS	ACCESS CONTROL PANEL
ACP	ACCESS CONTROL SYSTEM
AWG	AMERICAN WIRE GAUGE
C	CONDUIT
CCTV	CLOSED CIRCUIT TELEVISION
GFCI	GROUND FAULT CIRCUIT INTERRUPTER
GFCE	GROUND FAULT CIRCUT INTERRUPTER
GFGI	GOVERNMENT FURNISHED GOVERNMENT INSTALLED GROUNDING
CKT ,CCT	CIRCUIT
JB	JUNCTION BOX
MH	MANHOLE, METAL HALIDE OR MOUNTING HEIGHT
MLO	MAIN LUGS ONLY
N.C.	NORMALLY CLOSED
NEC	NATIONAL ELECTRICAL CODE
NIC	NOT IN CONTRACT
N.O.	NORMALLY OPEN
NTS	NOT TO SCALE
PB	PULLBOX
PNL	PANEL
POE	POWER OVER ETHERNET
PP	PATH PANEL
PS	POWER SUPPLY
PVC	POLYVINYL CHLORIDE
PWR	POWER
REC	RECEPTACLE
RGS	RIGID GALVANIZED STEEL
RX	REQUEST TO EXIT, RECEIVER
SEC	SECURITY EQUIPMENT CABINET
SRV	SERVER
TEL	TELEPHONE
TGB	TELECOMMUNICATIONS GROUNDING BUSBAR
TMGB	TELECOMMUNICATIONS MAIN GROUNDING BUSBAR
TX	TRANSCIVER
TTB	TELEPHONE TERMINAL BACKBOARD
TV	TELEVISION
TYP	TYPICAL
UG	UNDERGROUND
UON	UNLESS OTHERWISE NOTED
UPS	UNINTERRUPTIBLE POWER SUPPLY
UTP	UNSHIELDED TWISTED PAIR
VAC	VOLTAGE ALTERNATING CURRENT
VDC	VOLTAGE DIRECT CURRENT
VLAN	VIRTUAL LOCAL AREA NETWORK
WAN	WIDE AREA NETWORK
W	WATTS OR WIRE
W/	WITH
W/O	WITHOUT
WP	WEATHERPROOF
WS	WORK STATION

<b>TELECOM GENERAL NOTES</b>	
1.	DRAWINGS FOR THIS WORK ARE DIAGRAMMATIC. INTENDED TO CONVEY THE EXTENT, GENERAL ARRANGEMENT AND LOCATIONS OF THE WORK. BECAUSE OF THE SCALE OF THE DRAWINGS, CERTAIN BASIC ITEMS SUCH AS CONDUIT FITTINGS, ACCESS PANELS, CABINET SIZES, SLEEVES, PULL BOXES, BACKBOXES, AND JUNCTION BOXES MAY NOT BE SHOWN. INCLUDE ALL ITEMS WHERE REQUIRED BY CODE, OTHER SECTIONS, AND FOR PROPER INSTALLATION OF THE WORK.
2.	ALL TELECOMMUNICATIONS WORK SHALL CONFORM TO ALL APPLICABLE NATIONAL, STATE AND LOCAL BUILDING CODES AND SHALL BE IN COMPLIANCE WITH TIA/EIA STANDARDS.
3.	DO NOT SCALE ANY DRAWINGS. DIMENSIONS TAKEN FROM CENTERLINE OF DEVICE OR GANG BOX SHALL BE FOLLOWED. TELECOMMUNICATIONS DEVICES ARE SHOWN FOR LOCATION ONLY.
4.	INCLUDE SUCH ITEMS AS REQUIRED FOR A COMPLETELY OPERATIONAL AND FULLY FUNCTIONAL CONDUIT SYSTEM, WHETHER OR NOT SPECIFICALLY INDICATED.
5.	PROVIDE CONDUIT IN ACCORDANCE WITH THE N.E.C., N.F.P.A. AND DIVISIONS 26 AND 27 OF THE SPECIFICATIONS.
6.	ALL OUTLET BOXES, JUNCTION BOXES AND PULL BOXES SHALL BE FURNISHED, INSTALLED AND LABELED BY THE CONTRACTOR AS REQUIRED.
7.	ALL COMMUNICATIONS OUTLET BOXES THAT ARE EMPTY AT THE COMPLETION OF WORK SHALL HAVE A MINIMUM 1" CONDUIT HOMERUN TO CABLE TRAY SYSTEM WITH PULL-STRING HAVING MINIMUM TEST RATING OF 200 LB.
8.	SHOULD JOB CONDITIONS REQUIRE RELOCATION OF PLANNED OUTLET BOXES, THE INSTALLER SHALL NOTIFY THE OWNER FOR APPROVAL OF ALTERNATE LOCATION PRIOR TO THE START OF ANY WORK.
9.	CONSTRUCTION MANAGER SHALL COORDINATE FINAL LOCATION FOR OWNER SUPPLIED CONTRACTOR INSTALLED EQUIPMENT IF REQUIRED.
10.	COORDINATE WALL COMMUNICATION OUTLET LOCATIONS WITH POWER OUTLETS AND FURNITURE TO BE INSTALLED ON WALL OR SYSTEMS FURNITURE.
11.	ALL COMMUNICATIONS CONDUIT RUNS, CELLS OR INNERDUCT, REMAINING EMPTY AT THE TIME OF COMPLETED CONSTRUCTION SHALL BE EQUIPPED WITH A PULL-STRING HAVING MINIMUM TEST RATING OF 200 LB.
12.	NO ONE CONDUIT SEGMENT SHALL BE MORE THAN 100' WITHOUT THE INSERTION OF A PULL BOX.
13.	ALL CONDUIT AND BOXES SHALL BE INSTALLED IN ACCORDANCE WITH DIVISION 26 SPECIFICATIONS. REFER TO SECTIONS 26 20 00 FOR SPECIFIC CONDUIT BONDING DETAILS.
14.	EMT CONDUIT SHALL BE ELECTRICAL METALLIC TUBING MEETING ANSI C80.3 AND SHALL BE 1" MINIMUM SIZE FOR BOX LOCATIONS UNLESS OTHERWISE NOTED.
15.	FLEXIBLE METAL CONDUIT (FMC) IS NOT ACCEPTABLE.
16.	OUTLET BOXES SHALL BE A MINIMUM OF 4 11/16 X 4 11/16 X 2 5/8 INCHES IN SIZE WITH EXTENSION RINGS (AS NEEDED). A SINGLE GANG MUD RING MATCHING THE THICKNESS OF THE FINISHED WALL MATERIAL COVERING AND A SINGLE GANG COVER TO MATCH THE TYPE REQUIRED AT THE SPECIFIC OUTLET ASSEMBLY.
17.	JUNCTION BOXES AND PULL BOXES SHALL BE STAMPED STEEL, DEEP DRAWN ONE PIECE (WITHOUT WELDS OR TAB CONNECTIONS), GALVANIZED, WITH KNOCKOUTS FOR CONDUIT OR CONNECTOR ENTRANCE.
18.	BOXES 6" x 6" x 4" OR LARGER MAY BE COLD GAUGE FABRICATED STEEL CONTINUOUSLY WELDED AT SEAMS AND PAINTED AFTER FABRICATION.
19.	FIRE STOPPING SHALL CONFORM TO BOTH FLAME (F) AND TEMPERATURE (T) RATINGS AS REQUIRED BY LOCAL BUILDING CODES.
20.	ALL LABELING SHALL BE IN ACCORDANCE WITH TIA 606 STANDARDS AND BE COORINATED WITH WALTER REED ITD REQUIREMENTS.
21.	ALL WORK SHALL COMPLY WITH THE REQUIREMENTS OF THE NATIONAL ELECTRICAL SAFETY CODE (NEC) AND THE NEC.
22.	INSTALL RACEWAYS, BOXES, ENCLOSURES, AND CABINETS AS INDICATED AND ACCORDING TO MANUFACTURER'S WRITTEN INSTRUCTIONS AND RECOMMENDATIONS.
23.	RUN PARALLEL OR BANKED CONDUITS TOGETHER, ON COMMON SUPPORTS WHERE PRACTICAL AND ALLOWED BY SECURITY STANDARDS AND N.E.C.
24.	WHERE CONDUITS CROSS BUILDING EXPANSION JOINTS, USE SUITABLE SLIDING OR OFFSETTING EXPANSION FITTINGS.
25.	DO NOT EXCEED 180 DEGREES FOR THE SUM TOTAL OF CONDUIT SWEEPS BETWEEN CONDUIT TERMINATION POINTS FOR A SECTION OF CONDUIT.
26.	MATCH STANDARD COMMUNICATIONS OUTLET MOUNTING HEIGHT WITH ELECTRICAL OUTLET HEIGHT UNLESS OTHERWISE NOTED.
27.	ALL VIDEO DISPLAYS REQUIRE A 20A 120V QUAD OUTLET AND DATA OUTLETS WITH LAN CONNECTIVITY.
28.	ALL AUDIO VIDEO DEVICES AND SYSTEMS SHALL BE INSTALLED IN ACCORDANCE WITH THE N.E.C AND DIVISION 26 AND 27 OF THE SPECIFICATION.
29.	A 12" CLEARANCE ABOVE AND BESIDE ALL COMMUNICATIONS CABLE TRAY SHALL MAINTAINED.
30.	BOND ALL METALLIC COMMUNICATIONS EQUIPMENT IN TELECOM ROOMS TO THE NEAREST TMGB, TGB.
31.	ALL FIBER OPTIC CABLE SHALL BE INSTALLED IN INNEDUCT.

NOTE:  
SYMBOLS SHOWN ARE FOR REFERENCE ONLY  
AND DO NOT CONSTITUTE A CHECK LIST OF  
DEVICES REQUIRED BY THE CONTRACT

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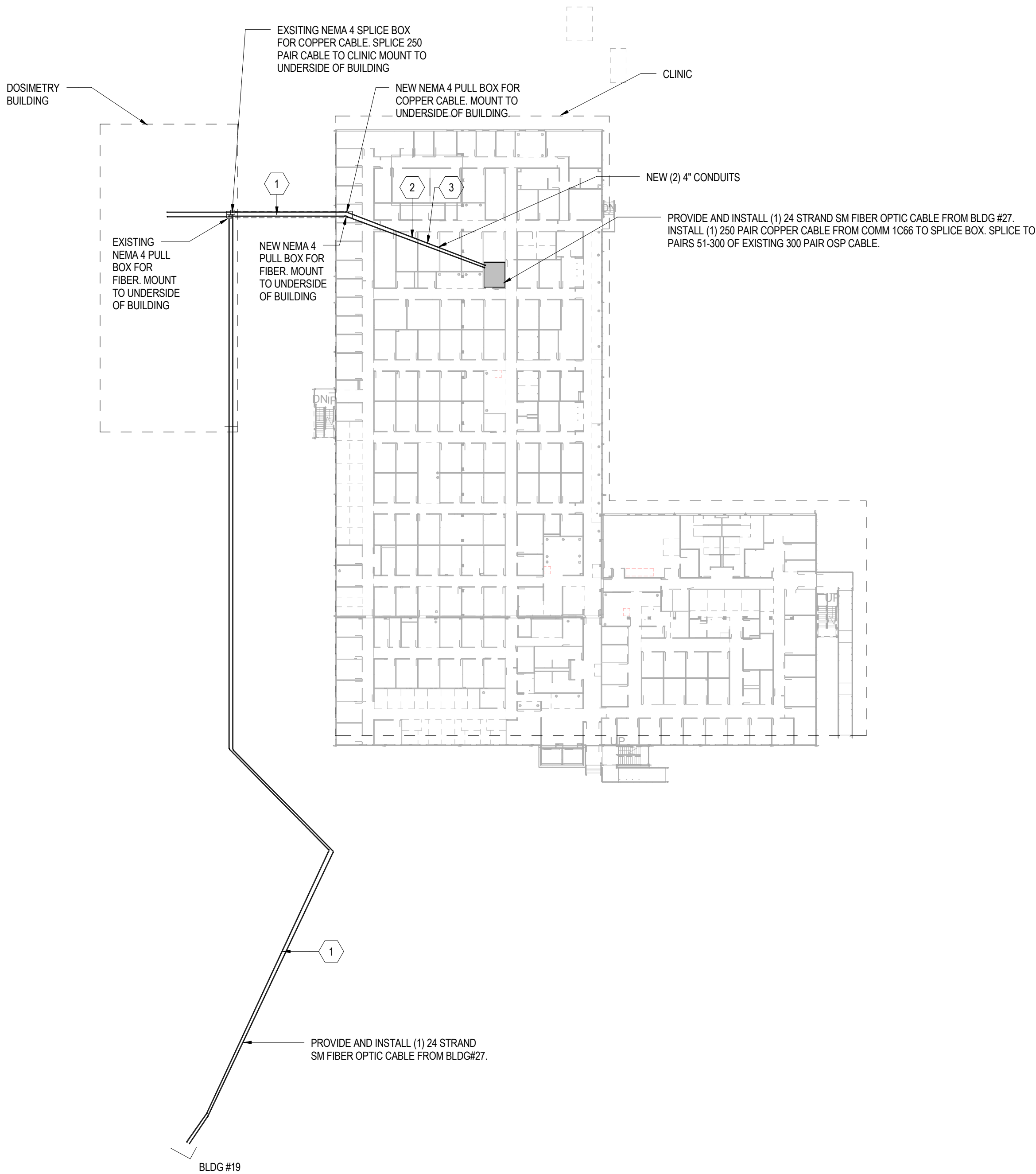
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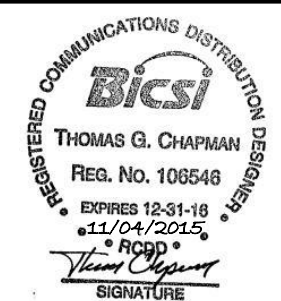
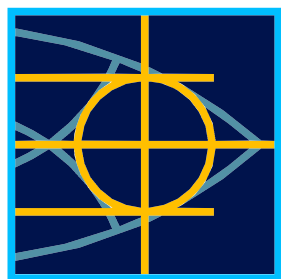


GENERAL NOTES:

- A. CONDUIT PATHWAY/ ROUTING SHOWN IS DIAGRAMMATIC. COORDINATE ALL CONDUIT RUNS W/ SITE INFRASTRUCTURE PRIOR INSTALLATION OF COMMUNICATIONS CONDUIT.
- B. (1) 4" COMMUNICATIONS SITE UTILITY CONDUIT SHALL CONTAIN (3) 3-CELL FABRIC MESH INNERDUCTS FOR THE ENTIRE CONDUIT RUN.
- C. FIBER FROM BUILDING #27 ARE ROUTED IN EXISTING TELECOM UTILITY DUCT AND SHALL BE SUPPORTED BY EXISITNG TELECOM CABLE TRAY WITHIN DUCT SYSTEM.

KEYED NOTES:

- 1 EXISTING OSP CONDUIT.
- 2 CONDUIT SHALL BE SECURELY MOUNTED TO UNDERSIDE OF BUILDING.
- 3 NEW CONDUITS TO BE INSTALLED IN PACKAGE 2.



APPROVED

FOR COMMANDER NAVFAC

ACTIVITY

SATISFACTORY TO DATE

DES TGC | DRW ALN | CHK EMS

PMCM CHEMENJUI/HILL

BRANCH MANAGER N/A

CHIEF ENGINEER TOM COX

DEPARTMENT OF THE NAVY  
NAVAL FACILITIES ENGINEERING COMMAND  
COMPONENT NAME  
NAVAL FACILITIES ENGINEERING COMMAND ~ AGENCY  
PROJECT STATION/INSTALLATION  
P125 - TEMPORARY MEDICAL FACILITIES  
PACKAGE 2 - CLINIC BUILDING

BASE - CITY, STATE  
BETHESDA, MD

TELECOMMUNICATIONS - SITE PLAN

SCALE: 1" = 40'-0"

PROJECT NO.: 1151333

CONSTR. CONTR. NO. N62470-09-D-9044

NAVFAC DRAWING NO. 13066119

SHEET 0 OF 0

TS-101

D

C

B

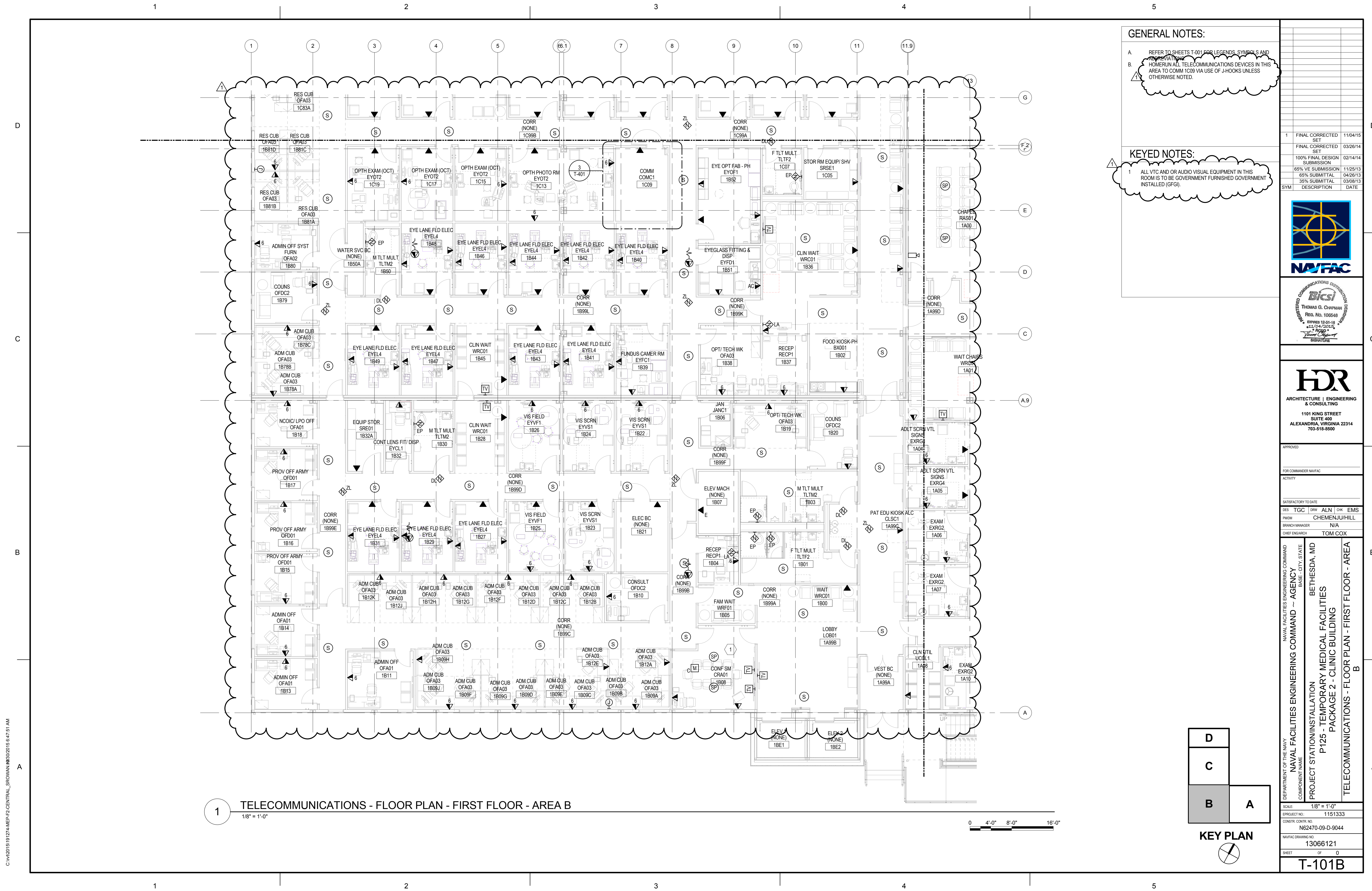
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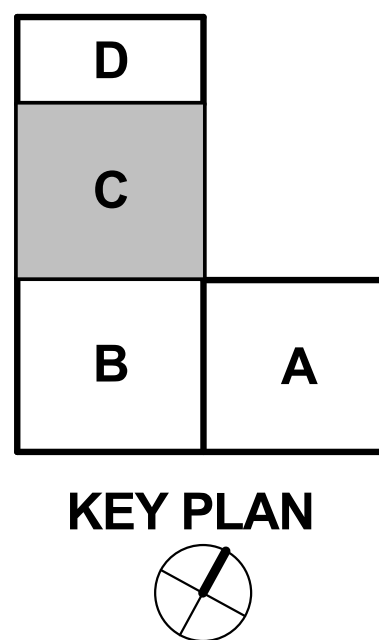




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1 TELECOMMUNICATIONS - FLOOR PLAN - FIRST FLOOR - AREA C  
1/8" = 1'-0"

0 4'-0" 8'-0" 16'-0"

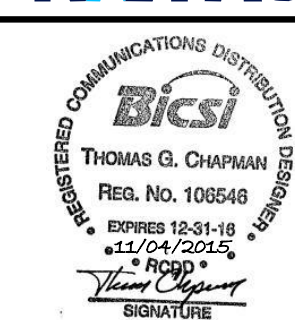


### GENERAL NOTES:

- A. REFER TO SHEETS T-001 FOR LEGENDS, SYMBOLS AND ABBREVIATIONS.  
B. HOMERUN ALL TELECOMMUNICATIONS DEVICES IN THIS AREA TO NEAREST COMM ROOM VIA USE OF J-HOOKS UNLESS OTHERWISE NOTED.

### KEYED NOTES:

- 1 ALL VTC AND OR AUDIO VISUAL EQUIPMENT IN THIS ROOM IS TO BE GOVERNMENT FURNISHED GOVERNMENT INSTALLED (GFGI).



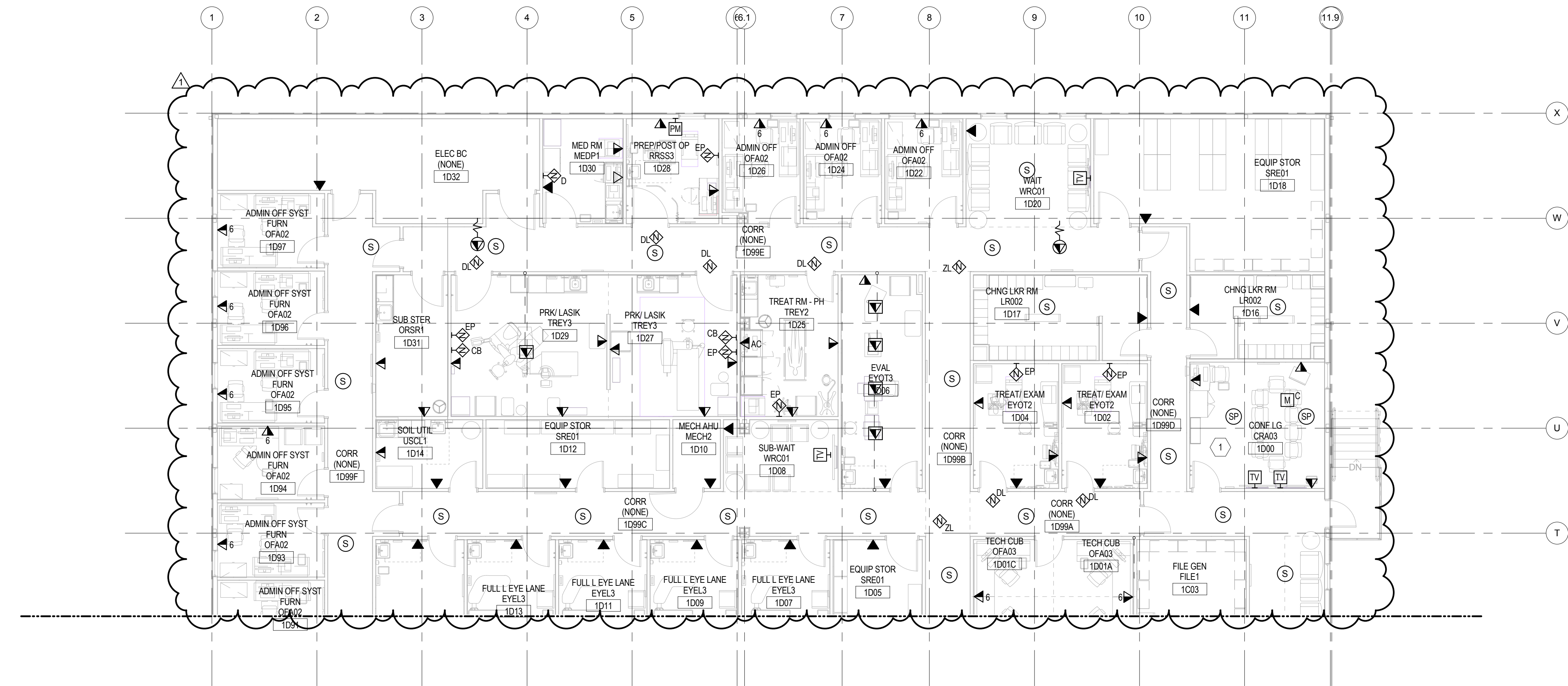
APPROVED
FOR COMMANDER NAVFAC
ACTIVITY
SATISFACTORY TO DATE
DES TGC   DRW ALN   CHK EMS
PMCM CHEMENJUI/HILL
BRANCH MANAGER N/A
CHIEF ENGINEER TOM COX

NAVAL FACILITIES ENGINEERING COMMAND	NAVAL FACILITIES ENGINEERING COMMAND ~ AGENCY	BETHESDA, MD
COMPONENT NAME	PROJECT STATION/INSTALLATION	P125 - TEMPORARY MEDICAL FACILITIES
	PACKAGE 2 - CLINIC BUILDING	TELECOMMUNICATIONS - FLOOR PLAN - FIRST FLOOR - AREA C

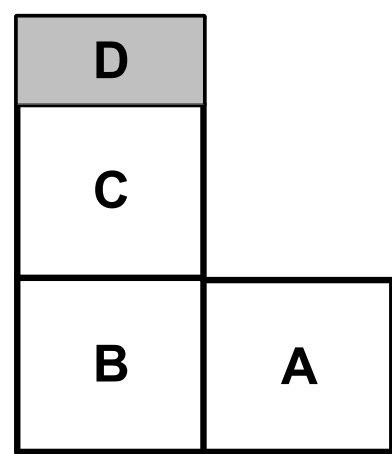
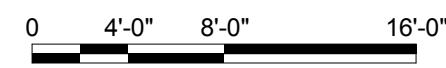
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PROJECT NO.: 1151333
CONSTR. CONTR. NO. N62470-09-D-9044
NAVFAC DRAWING NO. 13066122
SHEET 0P 0
T-101C



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1 TELECOMMUNICATIONS - FLOOR PLAN - FIRST FLOOR - AREA D  
1/8" = 1'-0"

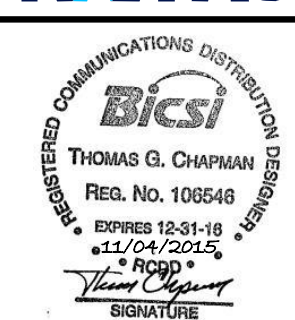


GENERAL NOTES:

- A. REFER TO SHEETS T-001 FOR LEGENDS, SYMBOLS AND ABBREVIATIONS.  
B. HOMERUN ALL TELECOMMUNICATIONS DEVICES IN THIS AREA TO COMM 1C66 VIA USE OF J-HOOKS UNLESS OTHERWISE NOTED. REFER TO SHEET T-101C FOR EXACT LOCATION.

KEYED NOTES:

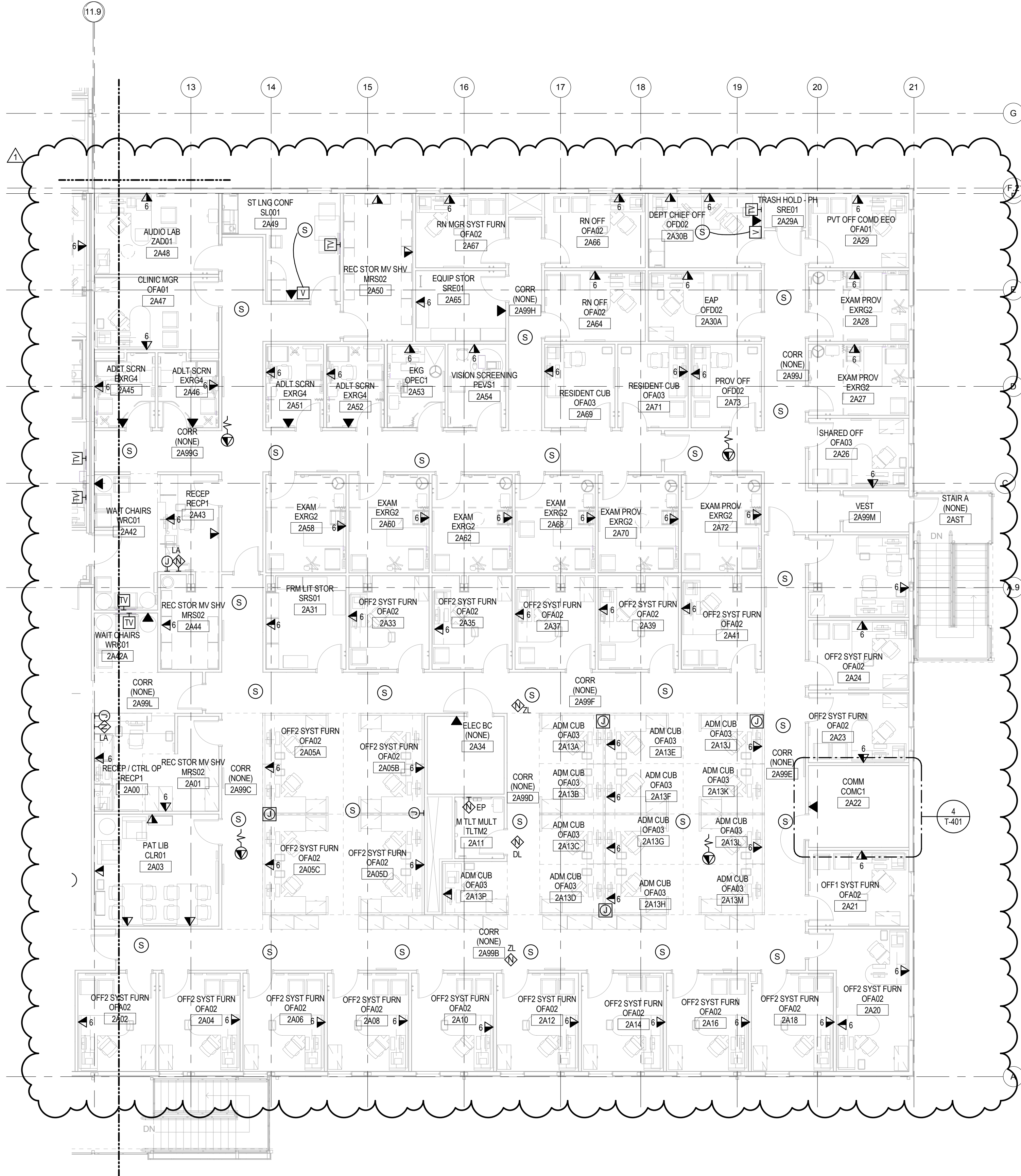
- 1 ALL VTC AND OR AUDIO VISUAL EQUIPMENT IN THIS ROOM IS TO BE GOVERNMENT FURNISHED GOVERNMENT INSTALLED (GFG).



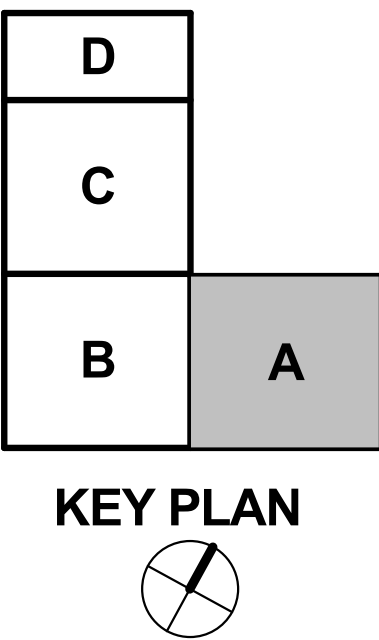
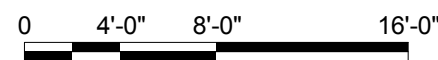
APPROVED	
FOR COMMANDER NAVFAC	
ACTIVITY	
SATISFACTORY TO DATE	
DES	TGC
DRW	ALN
CHK	EMS
PMCM	CHEMENJUI/HILL
BRANCH MANAGER	N/A
CHIEF ENGINEER	TOM COX
DEPARTMENT OF THE NAVY	NAVAL FACILITIES ENGINEERING COMMAND
COMPONENT NAME	NAVAL FACILITIES ENGINEERING COMMAND ~ AGENCY
PROJECT STATION/INSTALLATION	BASE - CITY, STATE
P125 - TEMPORARY MEDICAL FACILITIES	BETHESDA, MD
PACKAGE 2 - CLINIC BUILDING	
TELECOMMUNICATIONS - FLOOR PLAN - FIRST FLOOR - AREA D	
SCALE	1/8" = 1'-0"
PROJECT NO.	1151333
CONSTR. CONTR. NO.	N62470-09-D-9044
NAVFAC DRAWING NO.	13066123
SHEET	OF 0
T-101D	



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1 TELECOMMUNICATIONS - FLOOR PLAN - SECOND FLOOR - AREA A  
1/8" = 1'-0"

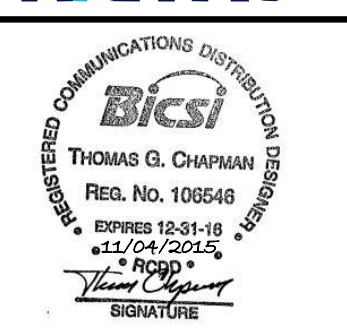


### GENERAL NOTES:

- A. REFER TO SHEETS T-001 FOR LEGENDS, SYMBOLS AND ABBREVIATIONS.  
B. HOMERUN ALL TELECOMMUNICATIONS DEVICES IN THIS AREA TO COMM 2A22 VIA USE OF J-HOOKS UNLESS OTHERWISE NOTED.

### KEYED NOTES:

1	FINAL CORRECTED SET	11/04/15
	FINAL CORRECTED SET	03/26/14
	100% FINAL DESIGN SUBMISSION	02/14/14
	65% V.E. SUBMISSION	11/25/13
	35% SUBMITTAL	04/26/13
	35% SUBMITTAL	03/08/13
SYM	DESCRIPTION	DATE



APPROVED
FOR COMMANDER NAVFAC
ACTIVITY
SATISFACTORY TO DATE
DES TGC   DRW ALN   CHK EMS
PMCM CHEMENJUIHILL
BRANCH MANAGER N/A
CHIEF ENGINEER TOM COX

NAVAL FACILITIES ENGINEERING COMMAND	NAVAL FACILITIES ENGINEERING COMMAND
COMPONENT NAME	NAVAL FACILITIES ENGINEERING COMMAND ~ AGENCY
PROJECT STATION/INSTALLATION	BETHESDA, MD
P125 - TEMPORARY MEDICAL FACILITIES	
PACKAGE 2 - CLINIC BUILDING	
TELECOMMUNICATIONS - FLOOR PLAN - SECOND FLOOR - AREA A	

SCALE: 1/8" = 1'-0"
PROJECT NO.: 1151333
CONSTR. CONTR. NO. N62470-09-D-9044
NAVFAC DRAWING NO. 13066124
SHEET 0 OF 0
T-102A





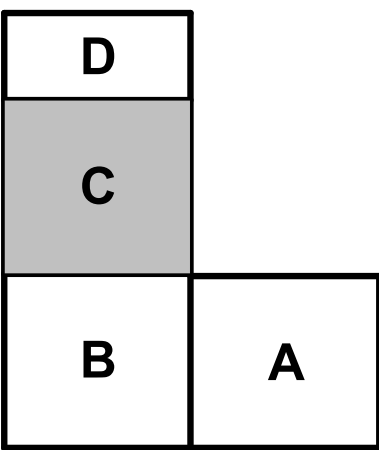


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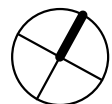
TELECOMMUNICATIONS - FLOOR PLAN - SECOND FLOOR - AREA C

1/8" = 1'-0"

0 4'-0" 8'-0" 16'-0"



KEY PLAN



GENERAL NOTES:

- A. REFER TO SHEETS T-001 FOR LEGENDS, SYMBOLS AND ABBREVIATIONS.
- B. HOMERUN ALL TELECOMMUNICATIONS DEVICES IN THIS AREA TO COMM 2B86 VIA USE OF J-HOOKS UNLESS OTHERWISE NOTED. REFER TO SHEET T-102B FOR EXACT LOCATION.

KEYED NOTES:

- 1. PROVIDE (2) 1 1/2" POKE THROUGH FOR VOICE/DATA CABLES FED FROM UNDER FLOOR. RUN CABLE THROUGH 1ST FLOOR CABLE TRAYS TO COMM 2B86 FOR TERMINATION.
- 2. ALL VTC AND OR AUDIO VISUAL EQUIPMENT IN THIS ROOM IS TO BE GOVERNMENT FURNISHED (GFGI).

1	FINAL CORRECTED SET	11/04/15
	FINAL CORRECTED SET	03/26/14
	100% FINAL DESIGN SUBMISSION	02/14/14
	65% V.E. SUBMISSION	11/25/13
	65% SUBMITTAL	04/26/13
	35% SUBMITTAL	03/08/13
SYM	DESCRIPTION	DATE

ARCHITECTURE | ENGINEERING & CONSULTING  
1101 KING STREET  
SUITE 400  
ALEXANDRIA, VIRGINIA 22314  
703-518-8500

APPROVED  
FOR COMMANDER NAVFAC  
ACTIVITY  
SATISFACTORY TO DATE  
DES TGC | DRW ALN | CHK EMS  
PMCM CHEMENJUI/HILL  
BRANCH MANAGER N/A  
CHIEF ENGINEER TOM COX

NAVAL FACILITIES ENGINEERING COMMAND  
NAVAL FACILITIES ENGINEERING COMMAND ~ AGENCY  
COMPONENT NAME  
PROJECT STATION/INSTALLATION  
P125 - TEMPORARY MEDICAL FACILITIES  
PACKAGE 2 - CLINIC BUILDING  
BETHESDA, MD  
TELECOMMUNICATIONS - FLOOR PLAN - SECOND FLOOR - AREA C

SCALE: 1/8" = 1'-0"  
EPROJCT NO.: 1151333  
CONSTR. CONTR. NO. N62470-09-D-9044  
NAVFAC DRAWING NO. 13066126  
SHEET 0 OF 0  
T-102C



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GENERAL NOTES:

- A. PROVIDE CONVENIENCE OUTLETS FOR USE WITH POWER TOOLS AND TESTING EQUIPMENT.  
B. PROVIDE A TELECOMMUNICATIONS GROUND BUS BAR (TGB). GROUNDING OF ALL RACKS, METALLIC BACKBOARDS, CABLE SHEATHS, METALLIC RACEWAY SYSTEMS, CABLE TRAYS, ETC. TO THE TGB OR TMGB SHALL BE BY THE INSTALLATION CONTRACTOR.  
C. PROVIDE VERTICAL LADDER RACK FOR SECURING RISER CABLES.  
D. REFER TO FLOOR PLAN FOR EXACT LOCATION OF COMM ROOM.  
E. PROVIDE FIRESTOP ASSEMBLY IN SUFFICIENT QUANTITY FOR ALL CABLES W/ A 40% FILL RATIO AND AN OVERALL 20% SPARE CAPACITY.

KEYED NOTES:

FINAL CORRECTED SET	03/26/14
100% FINAL DESIGN SUBMISSION	02/14/14
65% V.E. SUBMISSION	11/25/13
65% SUBMITTAL	04/26/13
35% SUBMITTAL	03/08/13
SYM DESCRIPTION	DATE

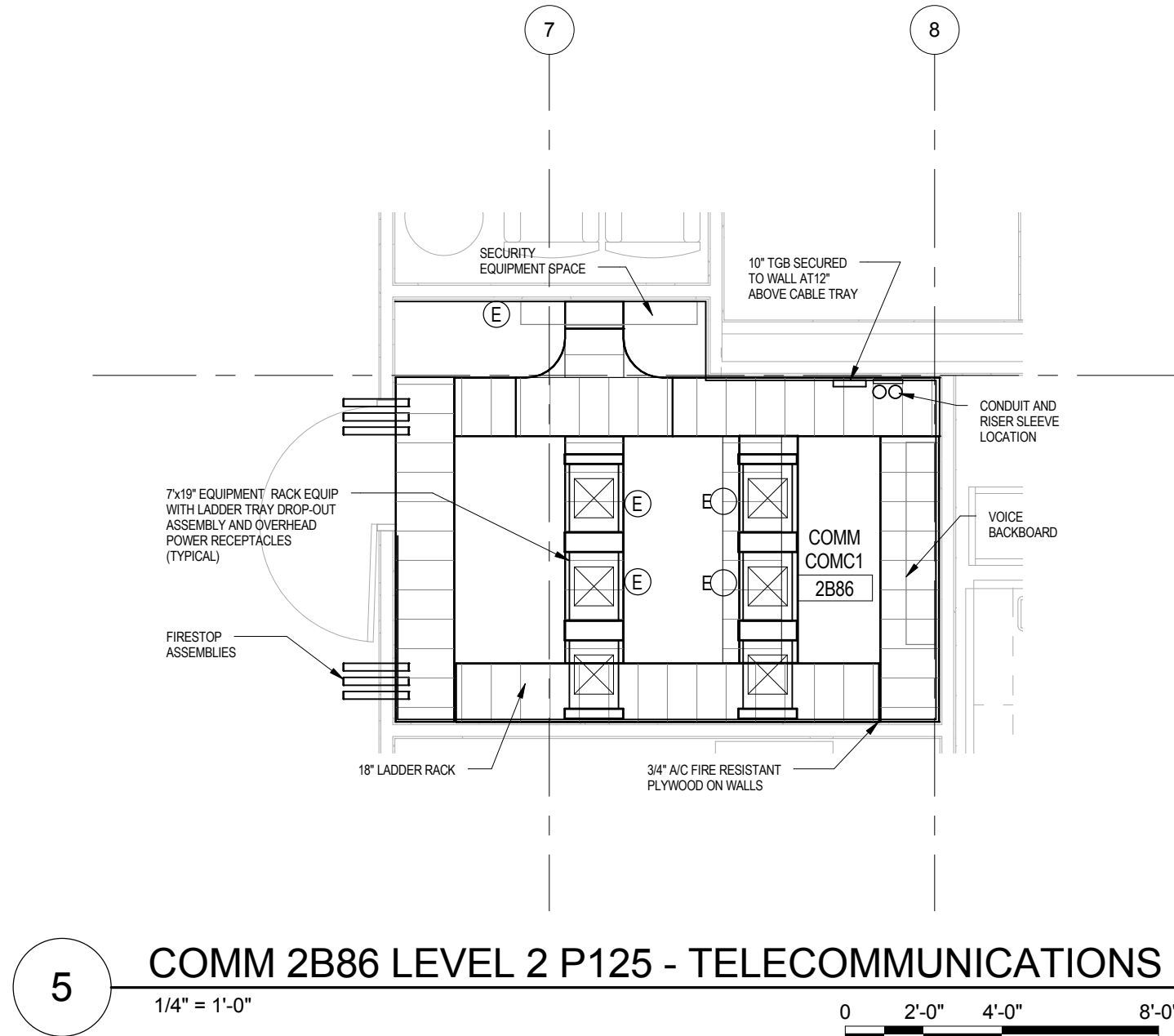
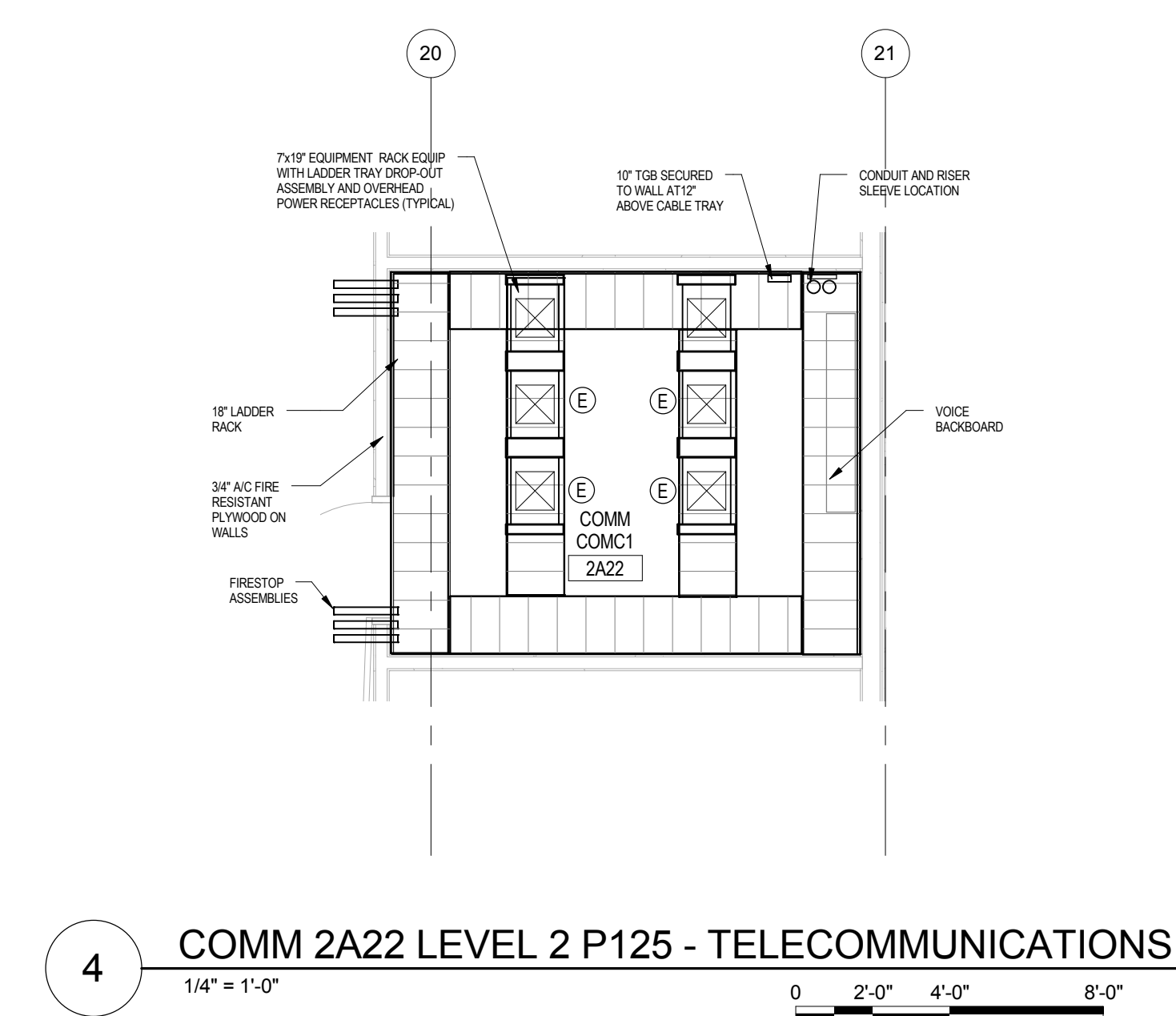
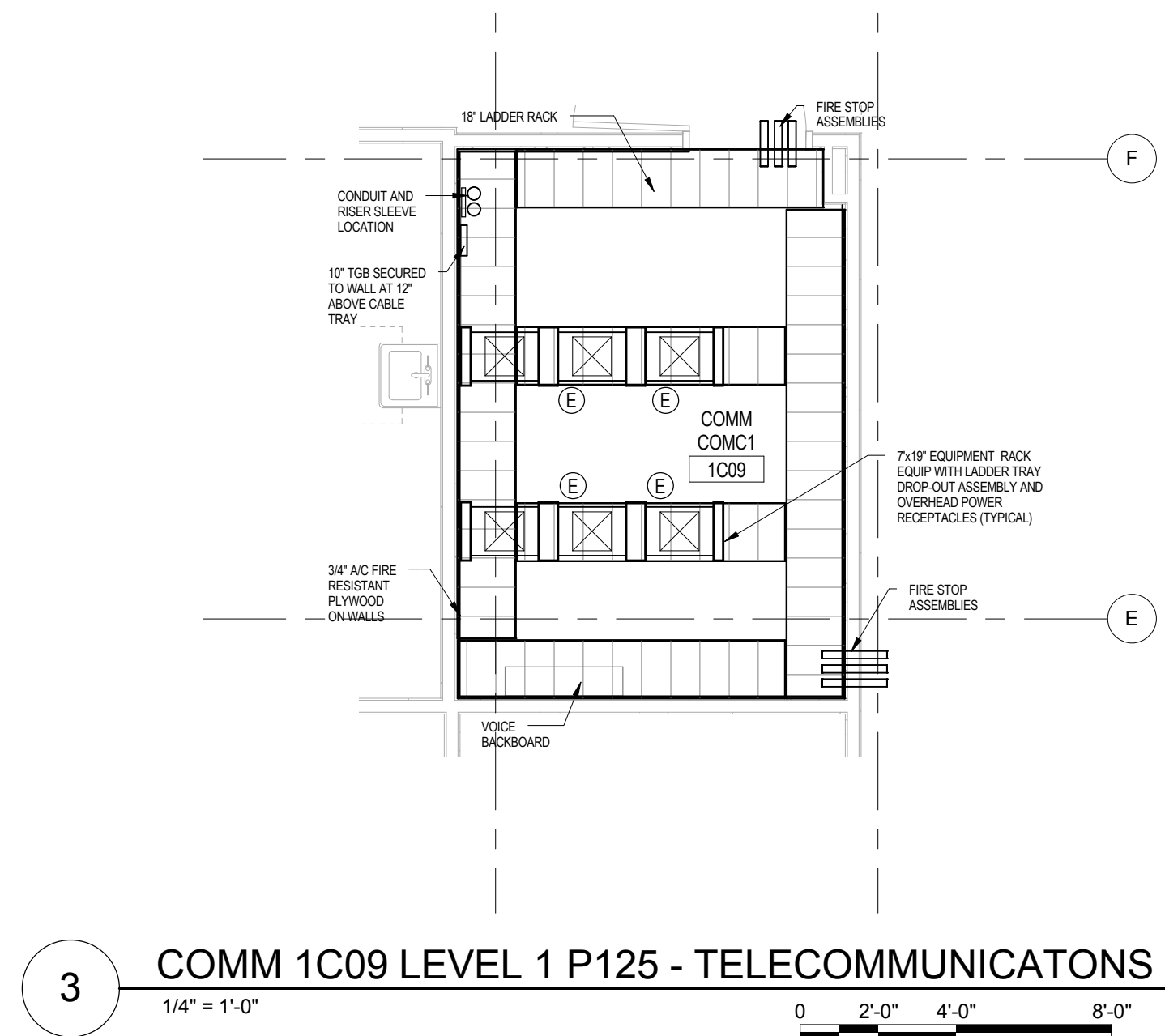
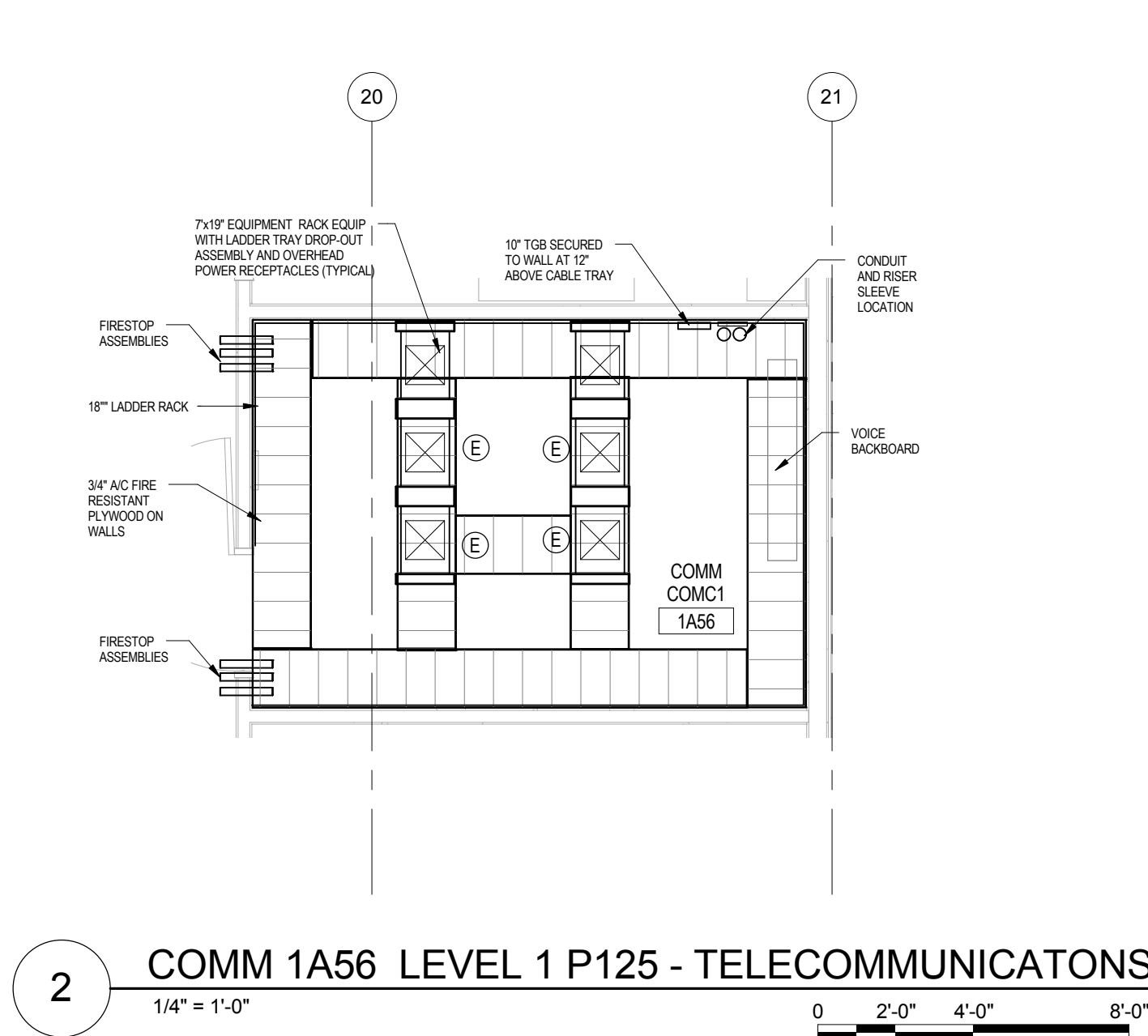
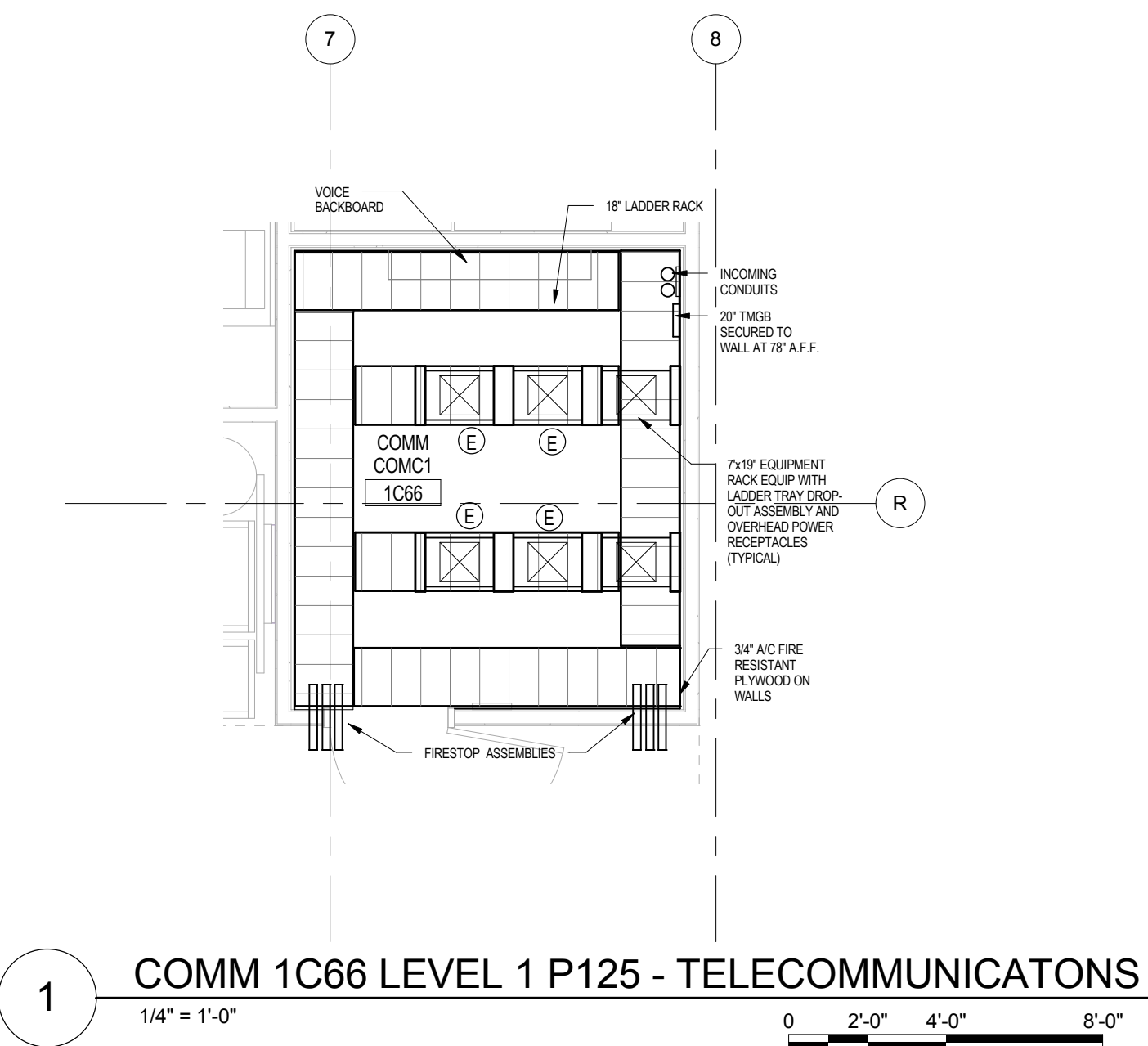


APPROVED
FOR COMMANDER NAVFAC
ACTIVITY
SATISFACTORY TO DATE
DES TGC   DRW ALN   CHK EMS
PMCM CHEMENJUI/HILL
BRANCH MANAGER N/A
CHIEF ENGINEER TOM COX

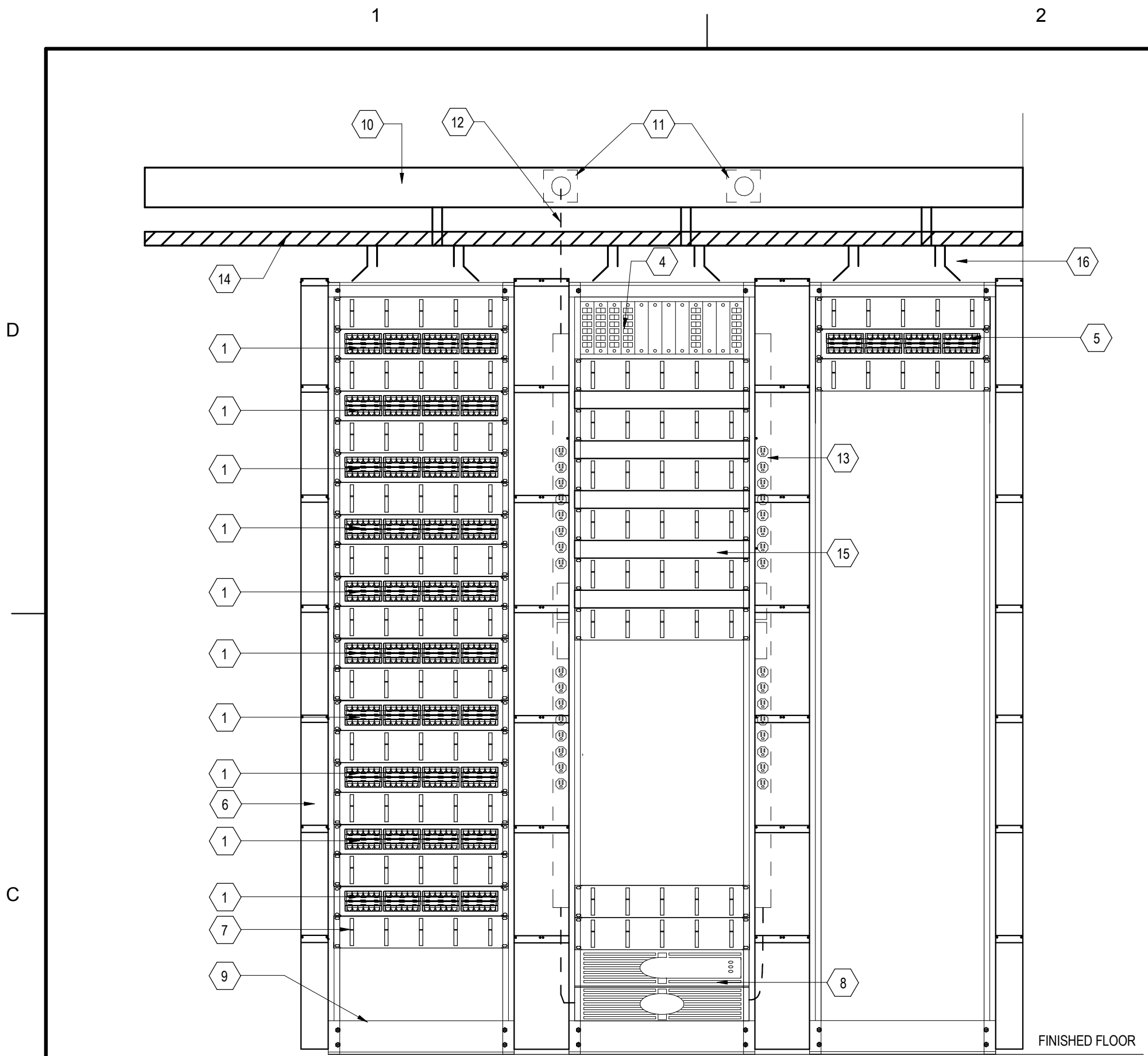
DEPARTMENT OF THE NAVY	NAVAL FACILITIES ENGINEERING COMMAND	NAVAL FACILITIES ENGINEERING COMMAND ~ AGENCY	BETHESDA, MD
COMPONENT NAME	PROJECT STATION/INSTALLATION	P125 - TEMPORARY MEDICAL FACILITIES	PACKAGE 2 - CLINIC BUILDING
TELECOMMUNICATIONS ENLARGED PLANS			

SCALE	1/4" = 1'-0"
PROJECT NO.	1151333
CONSTR. CONTR. NO.	N62470-09-D-9044
NAVFAC DRAWING NO.	13066127
SHEET	OF 0

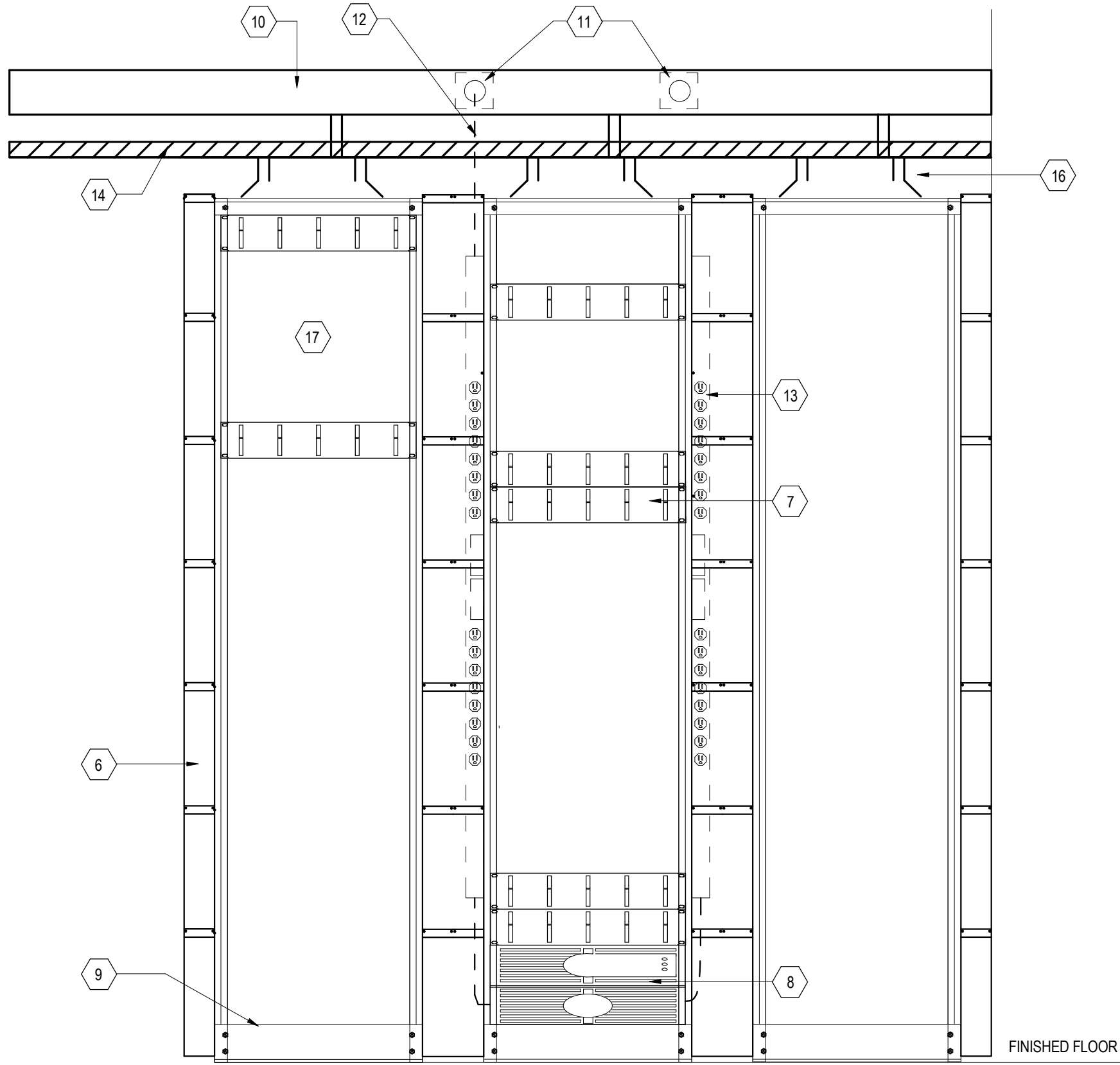
T-401



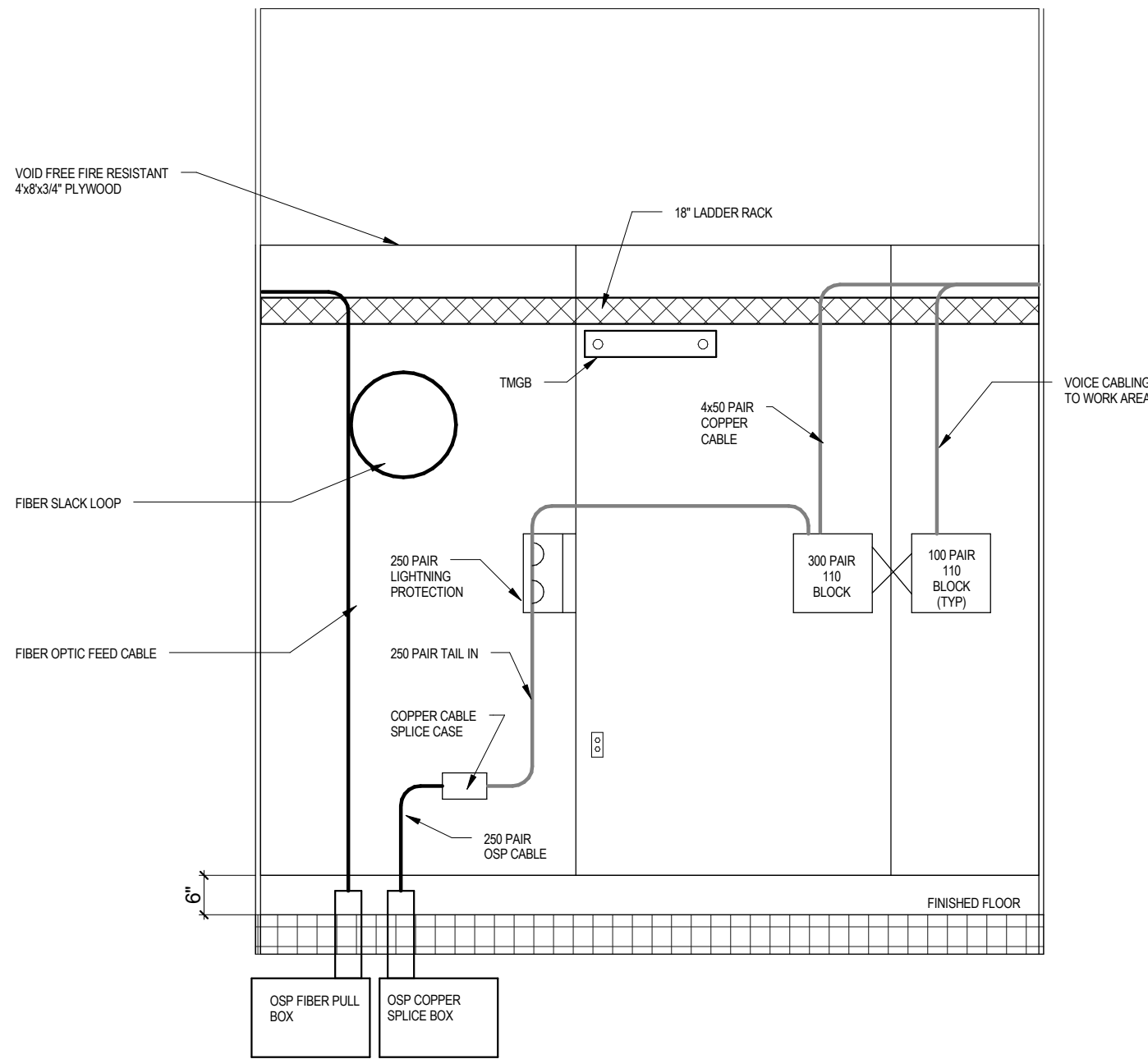




1 COMM ROOM RACK ELEVATION ROW 1  
NOT TO SCALE



2 COMM ROOM RACK ELEVATION ROW 2  
NOT TO SCALE



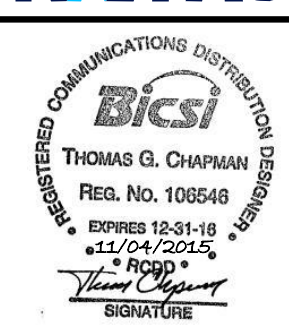
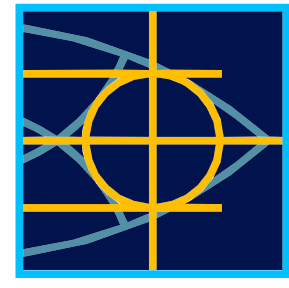
3 WALL LAYOUT - COMM ROOM 1C66  
NOT TO SCALE

GENERAL NOTES:

- PROVIDE CONVENIENCE OUTLETS FOR USE WITH POWER TOOLS AND TESTING EQUIPMENT.
- PROVIDE A TELECOMMUNICATIONS GROUND BUS BAR (TGB), GROUNDING OF ALL RACKS, METALLIC BACKBOARDS, CABLE SHEATHS, METALLIC RACEWAY SYSTEMS, CABLE TRAYS, ETC. TO THE TGB OR TMB SHALL BE BY THE INSTALLATION CONTRACTOR.
- PROVIDE VERTICAL LADDER RACK FOR SECURING RISER CABLES.
- REFER TO FLOOR PLAN FOR EXACT LOCATION OF COMM ROOM.
- PERMANENTLY SECURE ALL COMMUNICATIONS RACKS AT TOP AND BOTTOM.
- ROUTE ALL HORIZONTAL COMMUNICATIONS CABLE FROM CABLE RUNWAY INTO RACKS AND PATCH PANELS ON THE REAR SIDE OF VERTICAL AND HORIZONTAL WIRE MANAGEMENT.

KEYED NOTES:

- 48 PORT PATCH PANELS: WA CABLE TERMINATIONS (TYP). NOT USED.
- 20 FIBER PANEL: (4) 12 PORT SM LC ADAPTERS- (2) EACH 24 STRAND DATA FEED, (1) 12 PORT SM LC ADAPTERS-DATA TIE TO CR, (1) 12 PORT MM LC ADAPTERS-SECURITY FEED
- 48 PORT PATCH PANEL: AV/VTC, WAP LOCATIONS.
- VERTICAL WIRE MANAGER (TYP).
- HORIZONTAL WIRE MANAGER (TYP).
- UPS (GFG).
- 7'X19\"/>



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FOR COMMANDER NAVFAC

ACTIVITY

SATISFACTORY TO DATE

DES TGC | DRW ALN | CHK EMS

PMEM CHEMENJUI/HILL

BRANCH MANAGER N/A

CHIEF ENGINEER TOM COX

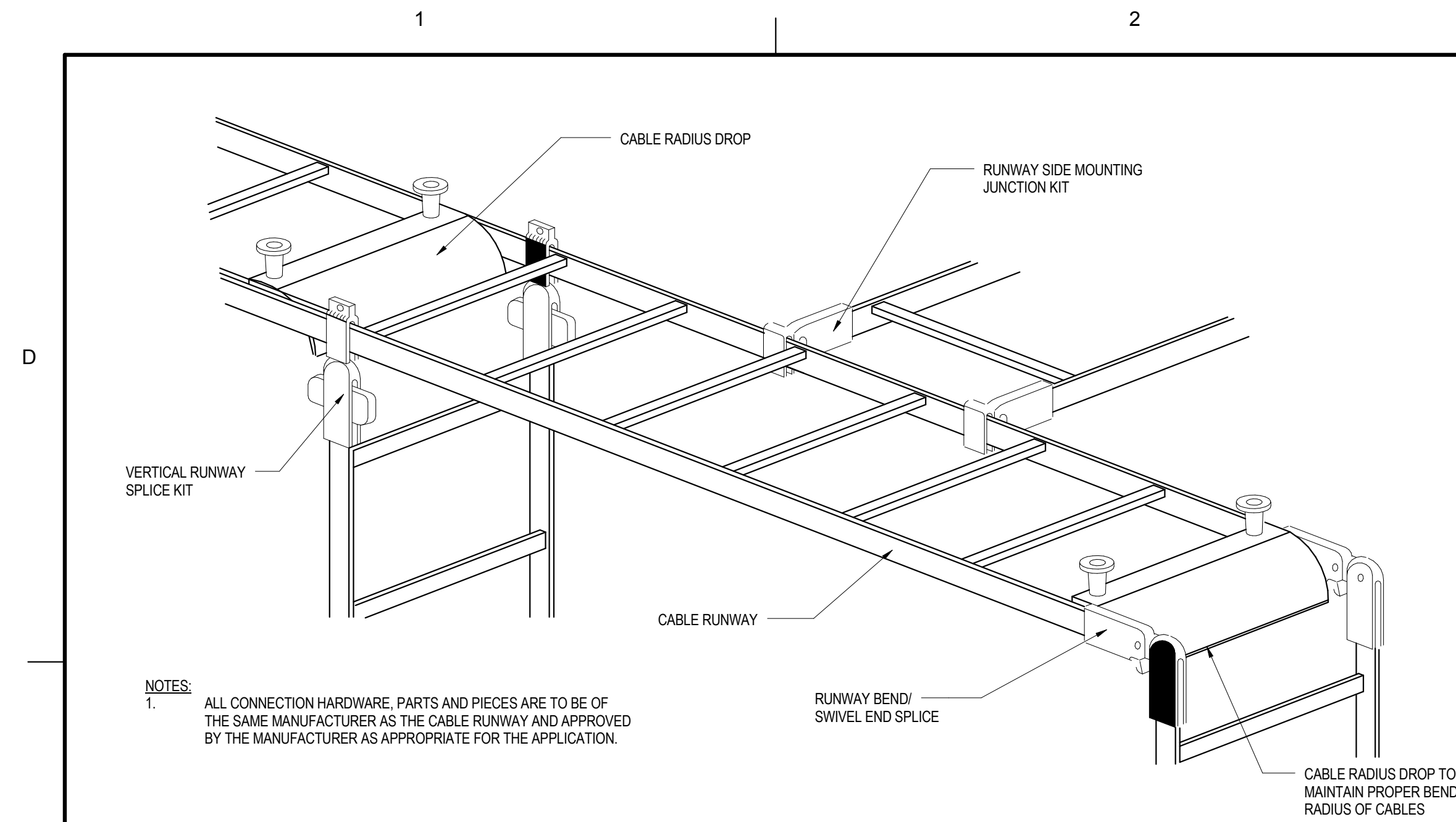
NAVAL FACILITIES ENGINEERING COMMAND  
NAVAL FACILITIES ENGINEERING COMMAND ~ AGENCY  
PROJECT STATION/INSTALLATION  
P125 - TEMPORARY MEDICAL FACILITIES  
PACKAGE 2 - CLINIC BUILDING  
TELECOMMUNICATIONS ENLARGED PLANS  
BETHESDA, MD  
BASE - CITY, STATE

SCALE: As indicated  
PROJECT NO.: 1151333  
CONSTR. CONTR. NO.: N62470-09-D-9044  
NAVFAC DRAWING NO.: 13066128  
SHEET 0 OF 0  
T-402

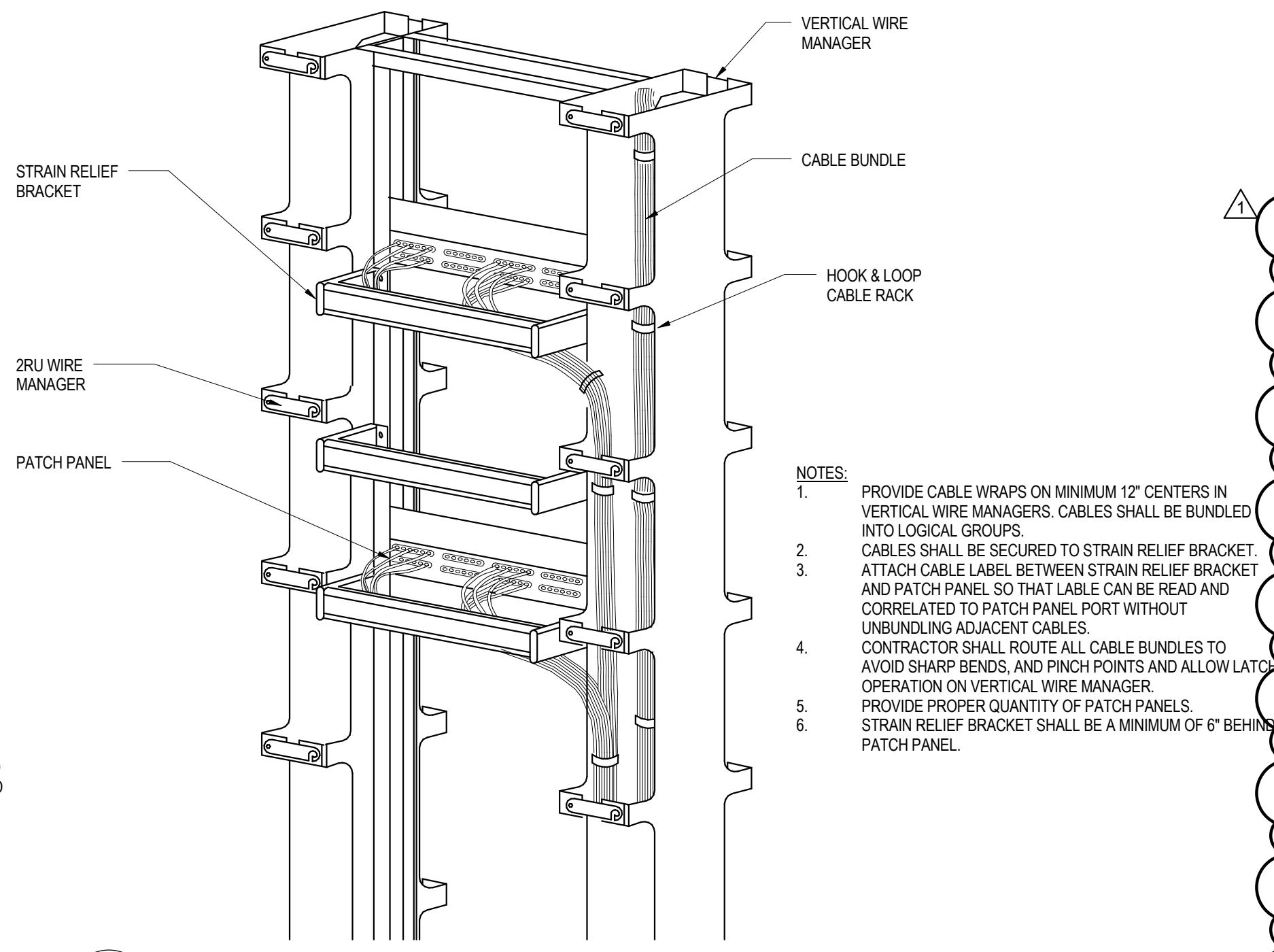




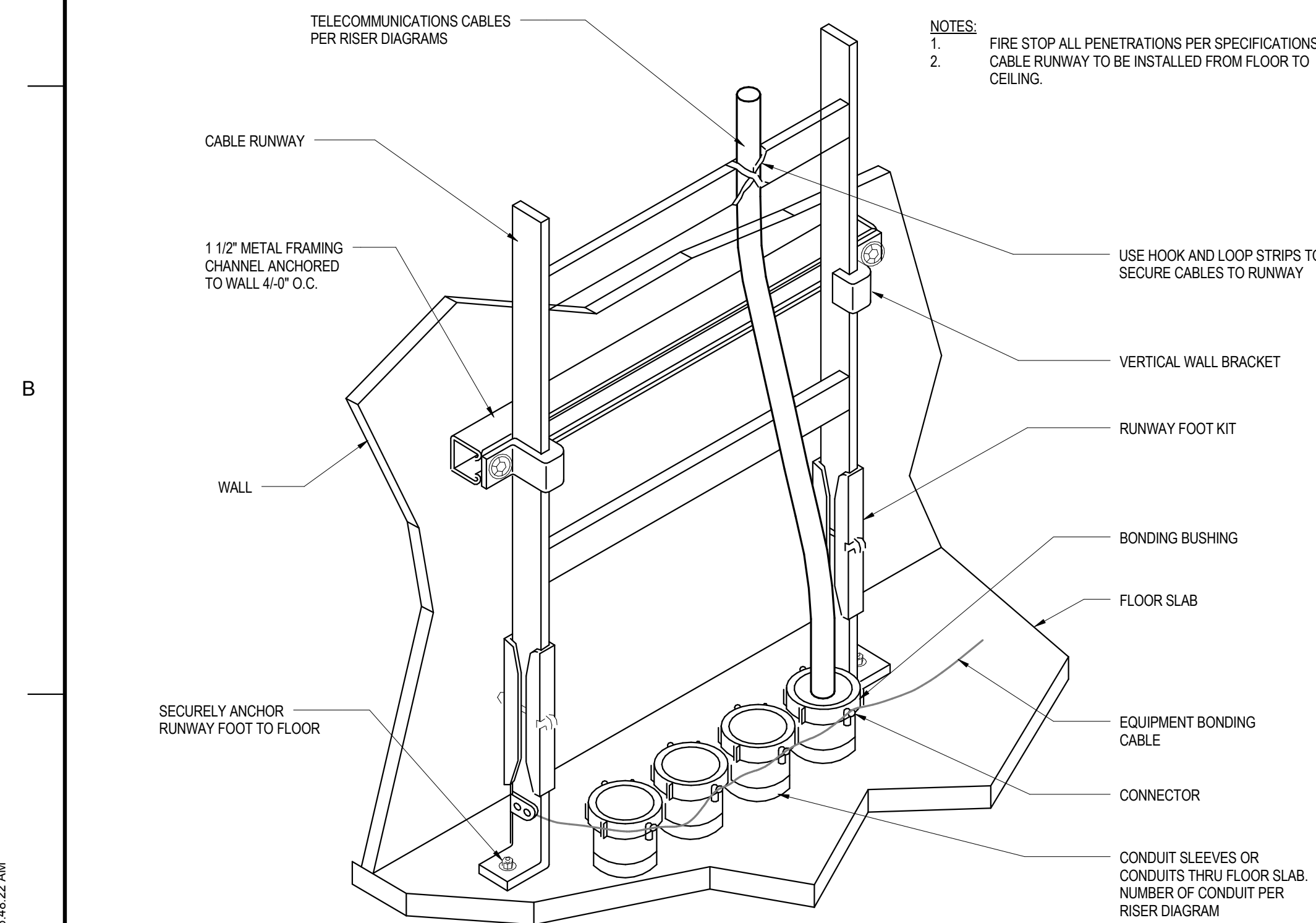




# 1 TYPICAL RUNWAY CONNECTIONS DETAIL

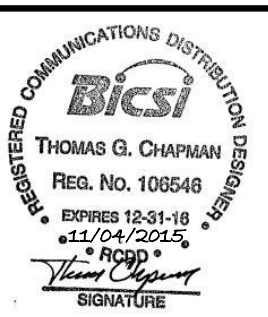


## 2 CABLE STRAIN RELIEF DETAIL



## 4 CABLE - VERTICAL RUNWAY MOUNTING

1	FINAL CORRECTED SET	11/04/15
	FINAL CORRECTED SET	03/26/14
	100% FINAL DESIGN SUBMISSION	02/14/14
	65% VE SUBMISSION	11/25/13
	65% SUBMITTAL	04/26/13
	35% SUBMITTAL	03/08/13
SYM	DESCRIPTION	DATE

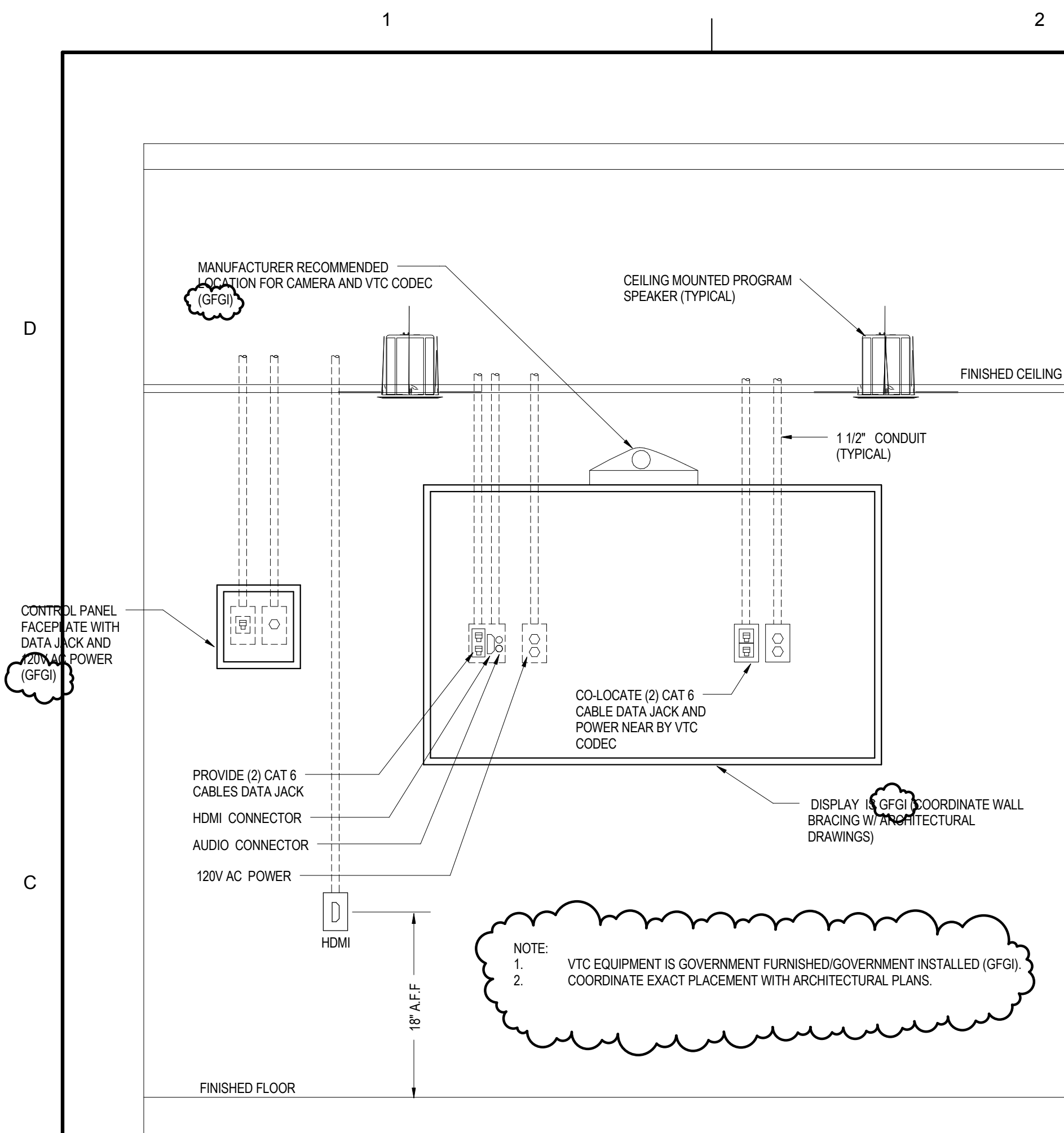


APPROVED					
FOR COMMANDER NAVFAC					
ACTIVITY					
SATISFACTORY TO DATE					
DES	TGC	DRW	ALN	CHK	EMS
PMIDM		CHEMENJU/HILL			
BRANCH MANAGER			N/A		
CHIEF ENGINEER			TOM COX		

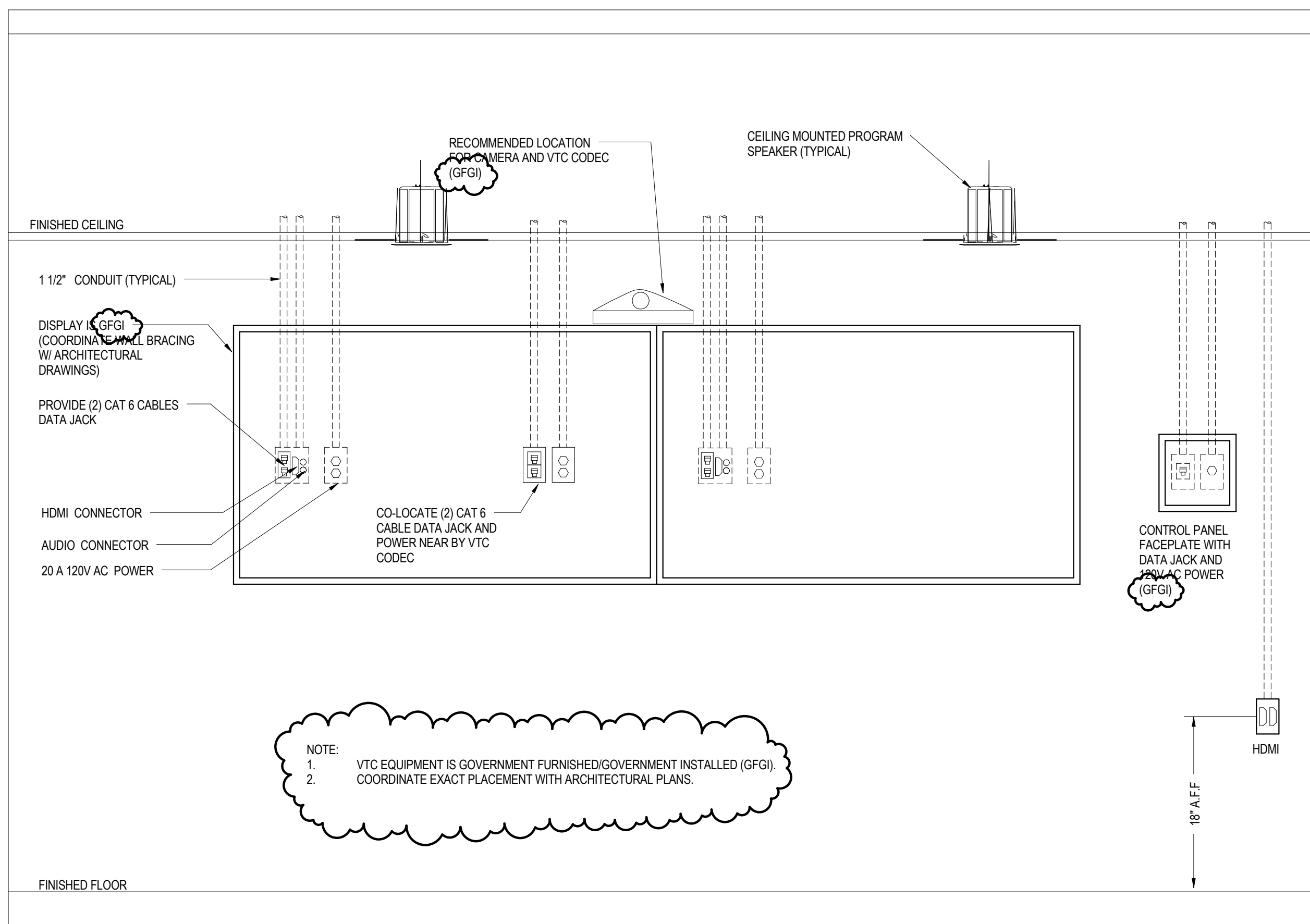
DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND ~ AGENCY COMPONENT NAME	NAVAL FACILITIES ENGINEERING COMMAND BASE, CITY, STATE
PROJECT STATION/INSTALLATION P125 - TEMPORARY MEDICAL FACILITIES PACKAGE 2 - CLINIC BUILDING	BETHESDA, MD
TELECOMMUNICATIONS DETAILS	

SCALE:	NOT TO SCALE	
EPROJECT NO.:	1151333	
CONSTR. CONTR. NO.	N62470-09-D-9044	
NAVFAC DRAWING NO.	13066130	
SHEET	OF	0

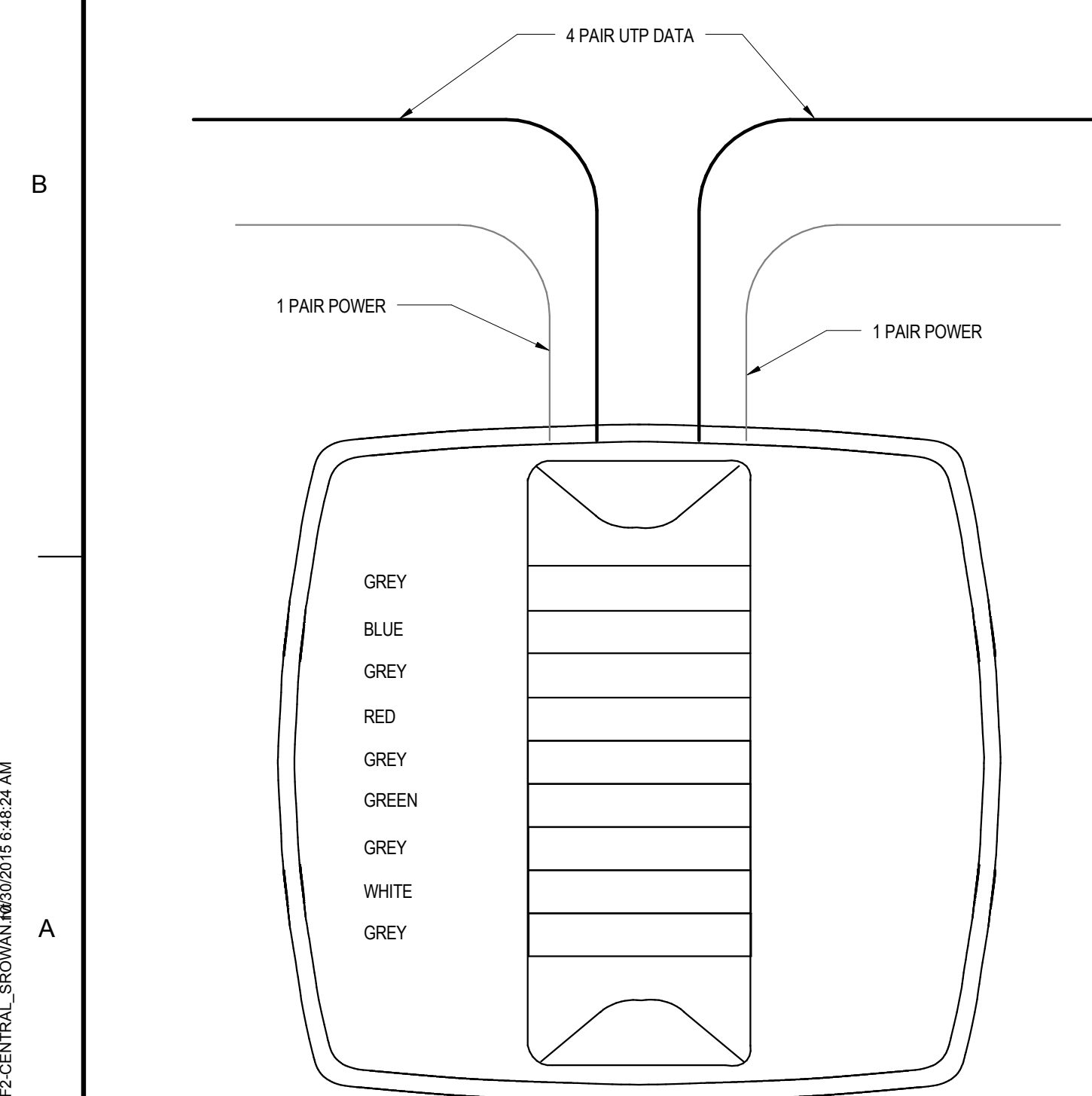




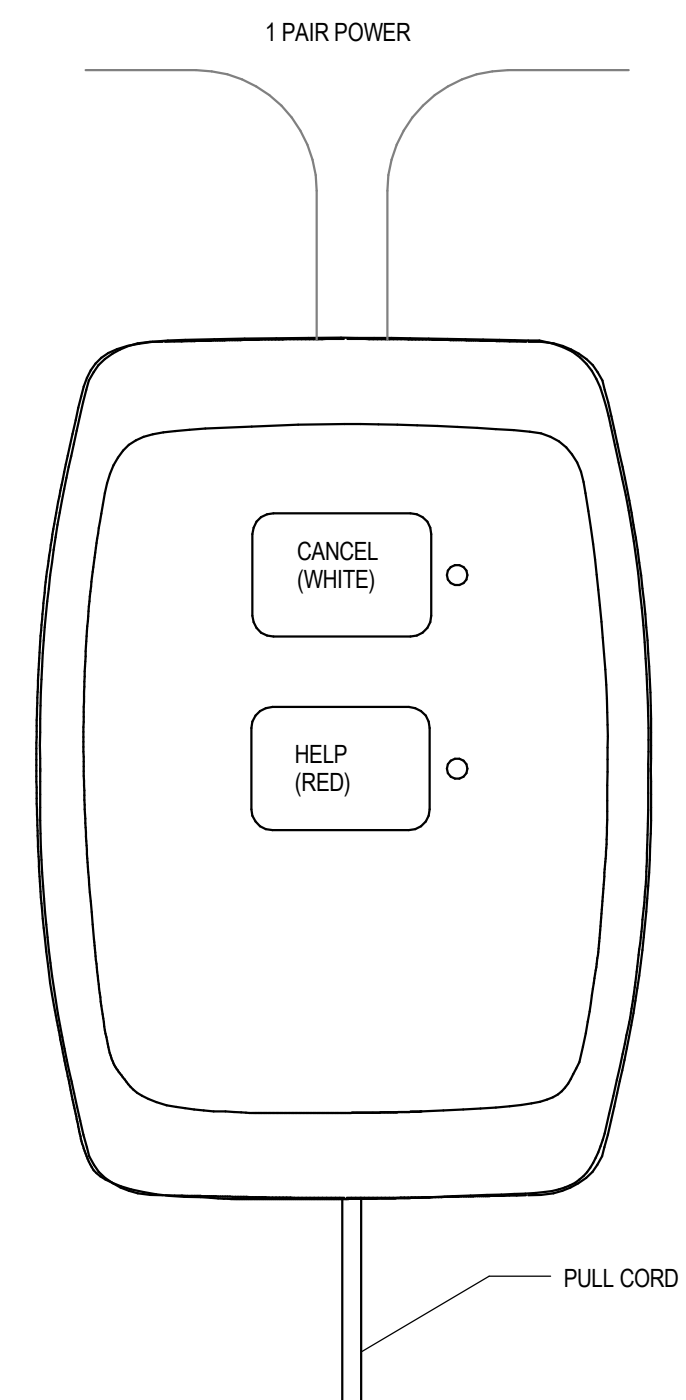
## 1 SINGLE DISPLAY VIDEO CONFERENCE LAYOUT



## 2 DOUBLE DISPLAY VIDEO CONFERENCE LAYOUT



3 DOME LIGHT  
NOT TO SCALE



4 PULL CORD STATION  
NOT TO SCALE

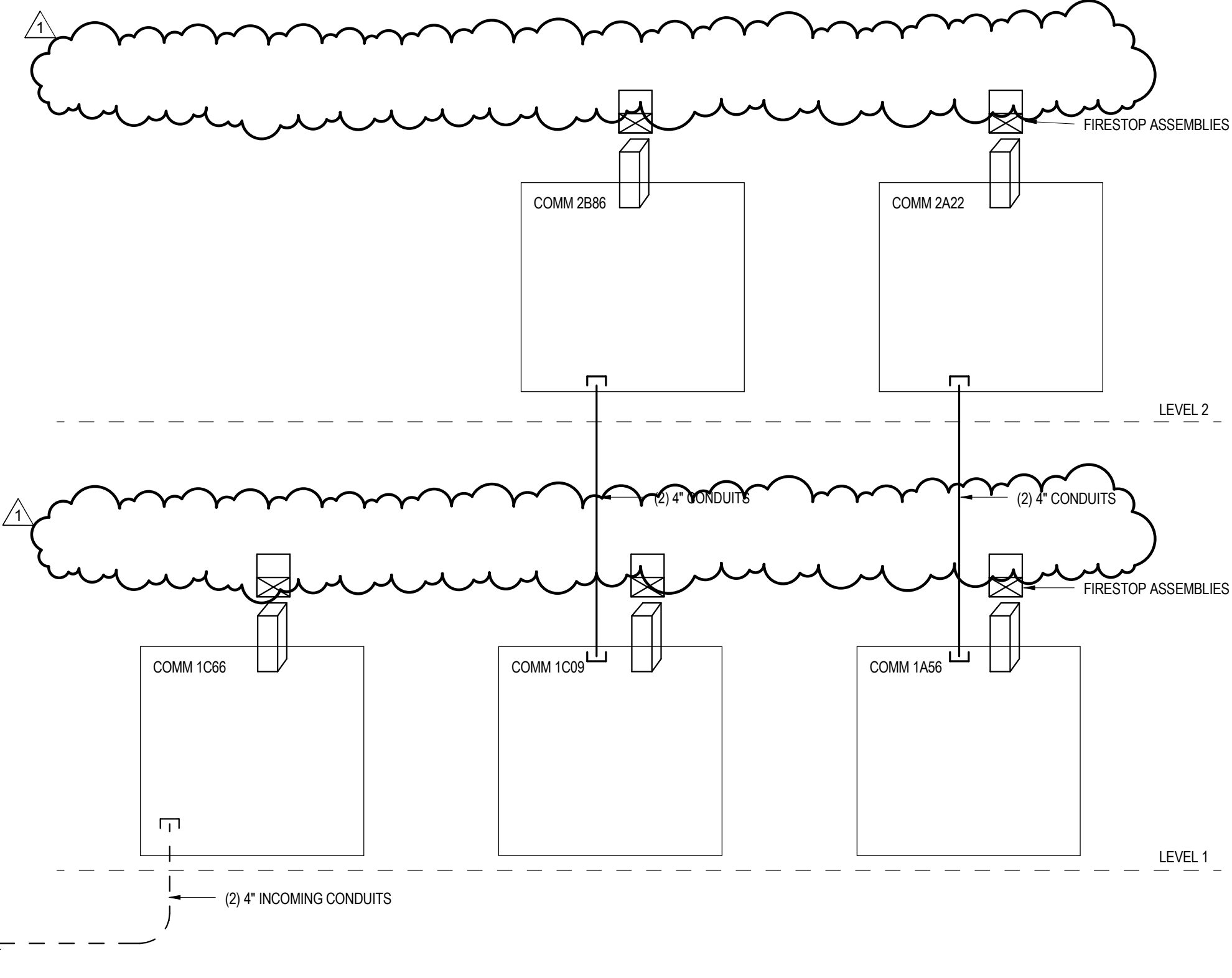


5 CHAPEL AV EQUIPMENT RACK (GFGI)  
NOT TO SCALE

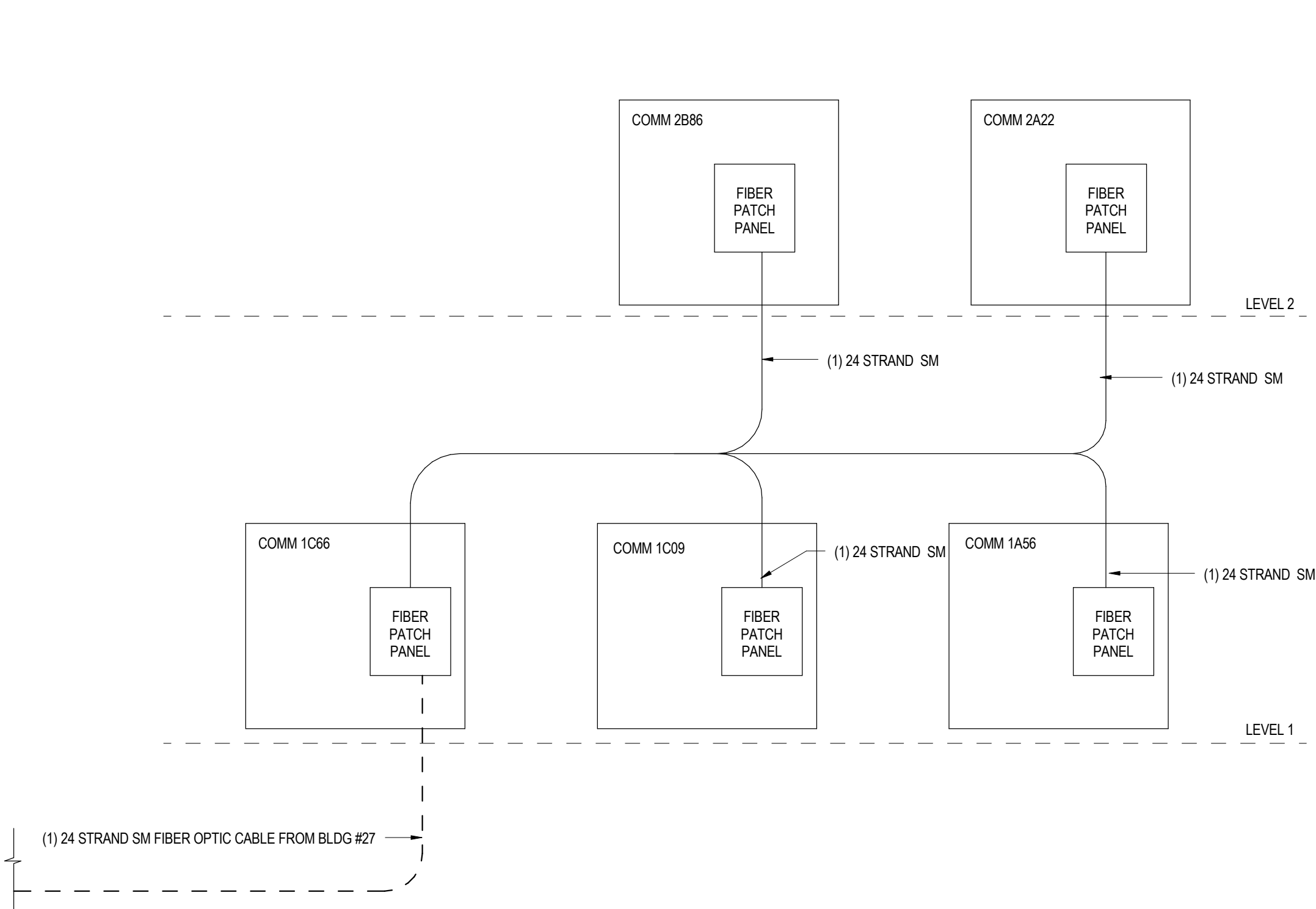
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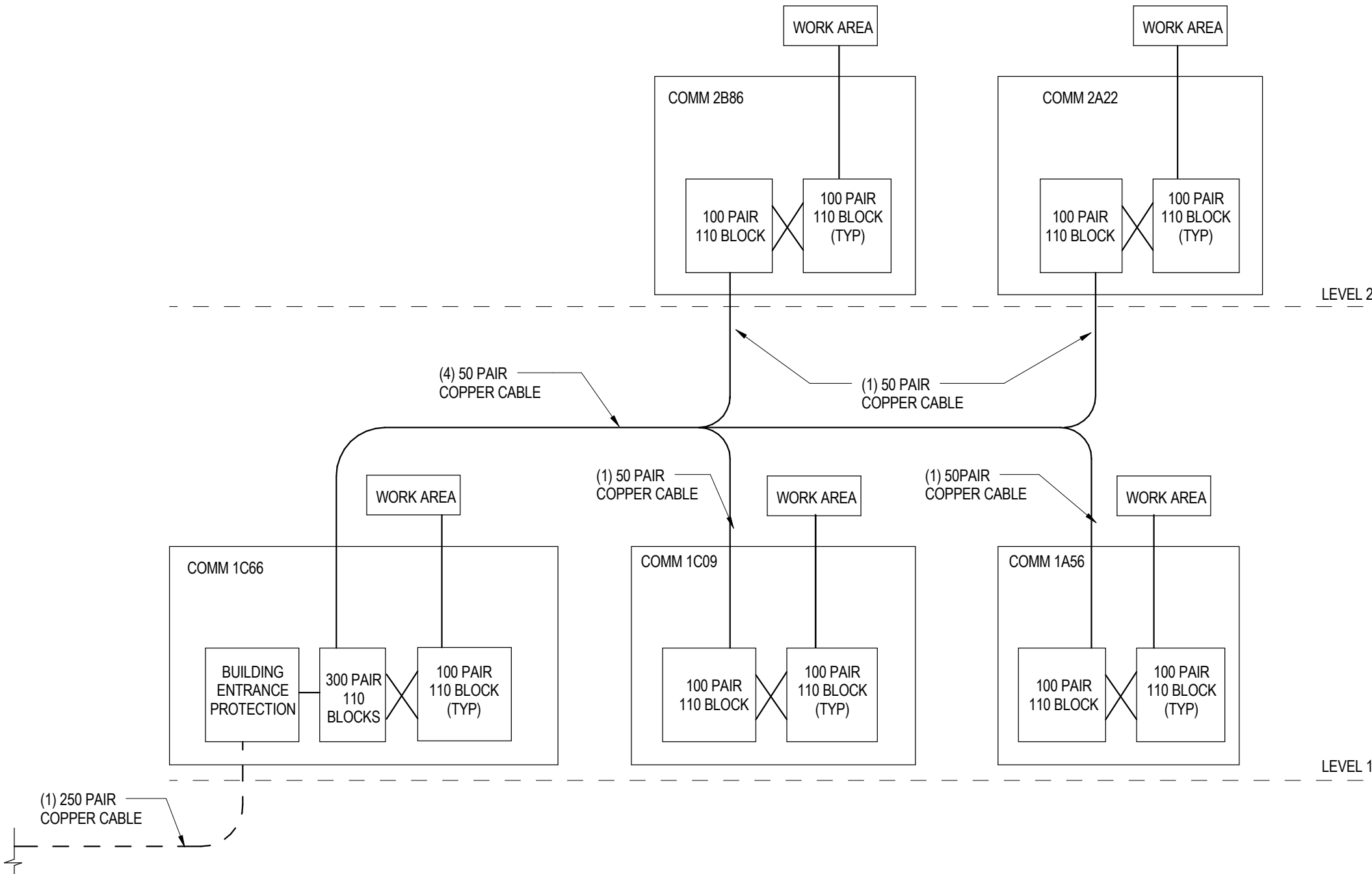
C:\NAVFAC\15151274\MEP-F2-CENTRAL\_SHOWAN\180302015 6:48:26 AM



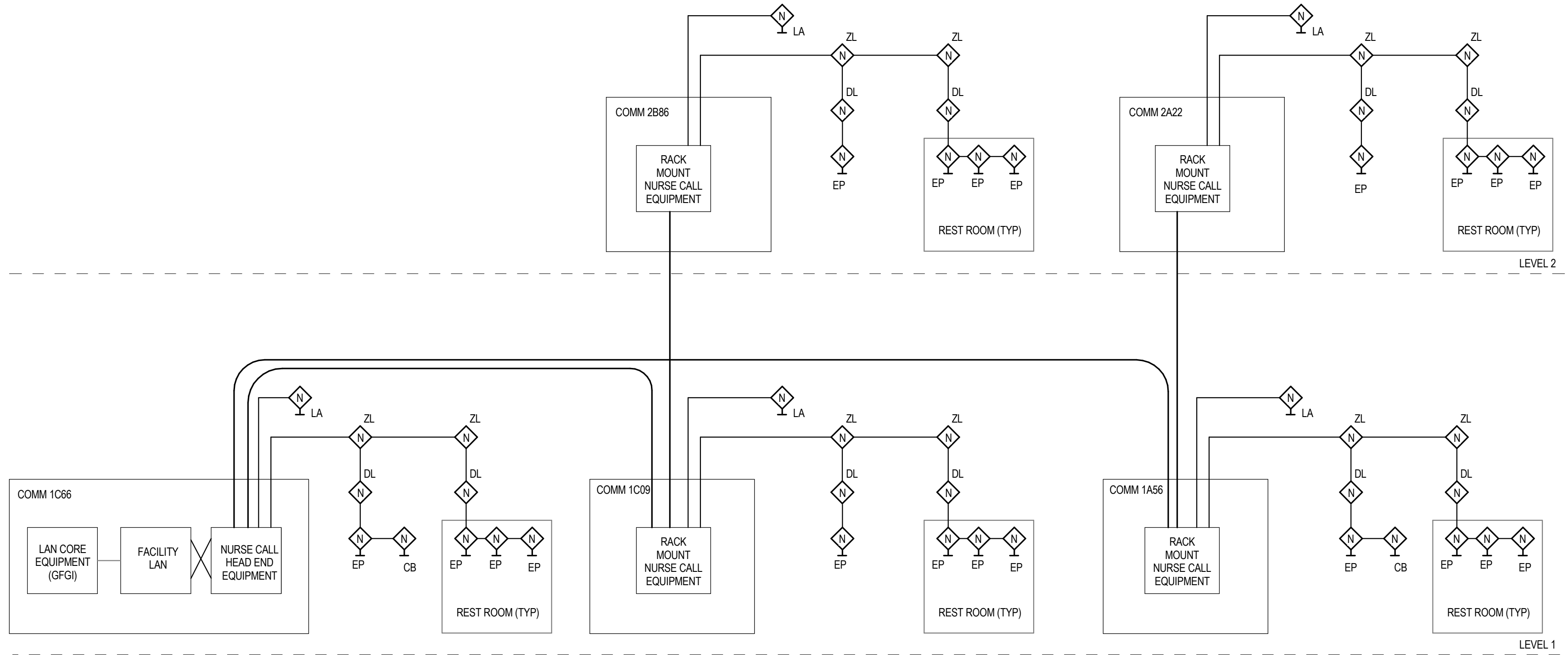
1 CONDUIT RISER  
NOT TO SCALE



2 FIBER BACKBONE RISER  
NOT TO SCALE



3 COPPER BACKBONE RISER  
NOT TO SCALE



4 NURSE CALL SYSTEM RISER  
NOT TO SCALE

GENERAL NOTES:

A. REFER TO FLOOR PLAN FOR CABLE TRAY INTERCONNECTION.

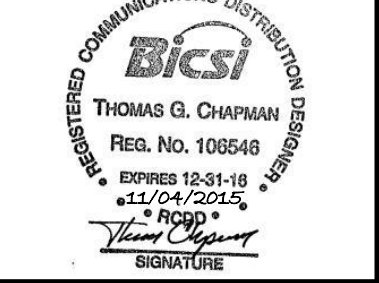
B. THESE DIAGRAMS ARE DIAGRAMMATIC AND REFLECT DESIGN INTENT TO CONVEY THE EXTENT AND GENERAL ARRANGEMENT AND LOCATION OF THE WORK. CONTRACTOR TO PROVIDE A COMPLETE AND OPERATIONAL SYSTEM.

C. DEVICES SHOWN ON RISER DIAGRAM MAY NOT BE REFLECTIVE OF ACTUAL DEVICE QUANTITY AND CONFIGURATION. REFER TO FLOOR PLANS FOR DEVICE QUANTITY.

D. ALL FIBER OPTIC CABLE SHALL BE INSTALLED IN INNERDUCT.

KEYED NOTES:

1	FINAL CORRECTED SET	11/04/15
	FINAL CORRECTED SET	03/26/14
	100% FINAL DESIGN SUBMISSION	02/14/14
	65% V.E. SUBMISSION	11/25/13
	35% SUBMITTAL	04/26/13
SYM	DESCRIPTION	DATE



APPROVED

FOR COMMANDER NAVFAC

ACTIVITY

SATISFACTORY TO DATE

DES TGC | DRW ALN | CHK EMS

PMCM CHEMENJUI/HILL

BRANCH MANAGER N/A

CHIEF ENGINEER TOM COX

NAVAL FACILITIES ENGINEERING COMMAND

BASE - CITY - STATE

BETHESDA, MD

PROJECT STATION/INSTALLATION

P125 - TEMPORARY MEDICAL FACILITIES

PACKAGE 2 - CLINIC BUILDING

TELECOMMUNICATIONS DIAGRAMS

SCALE: NOT TO SCALE

PROJECT NO.: 1151333

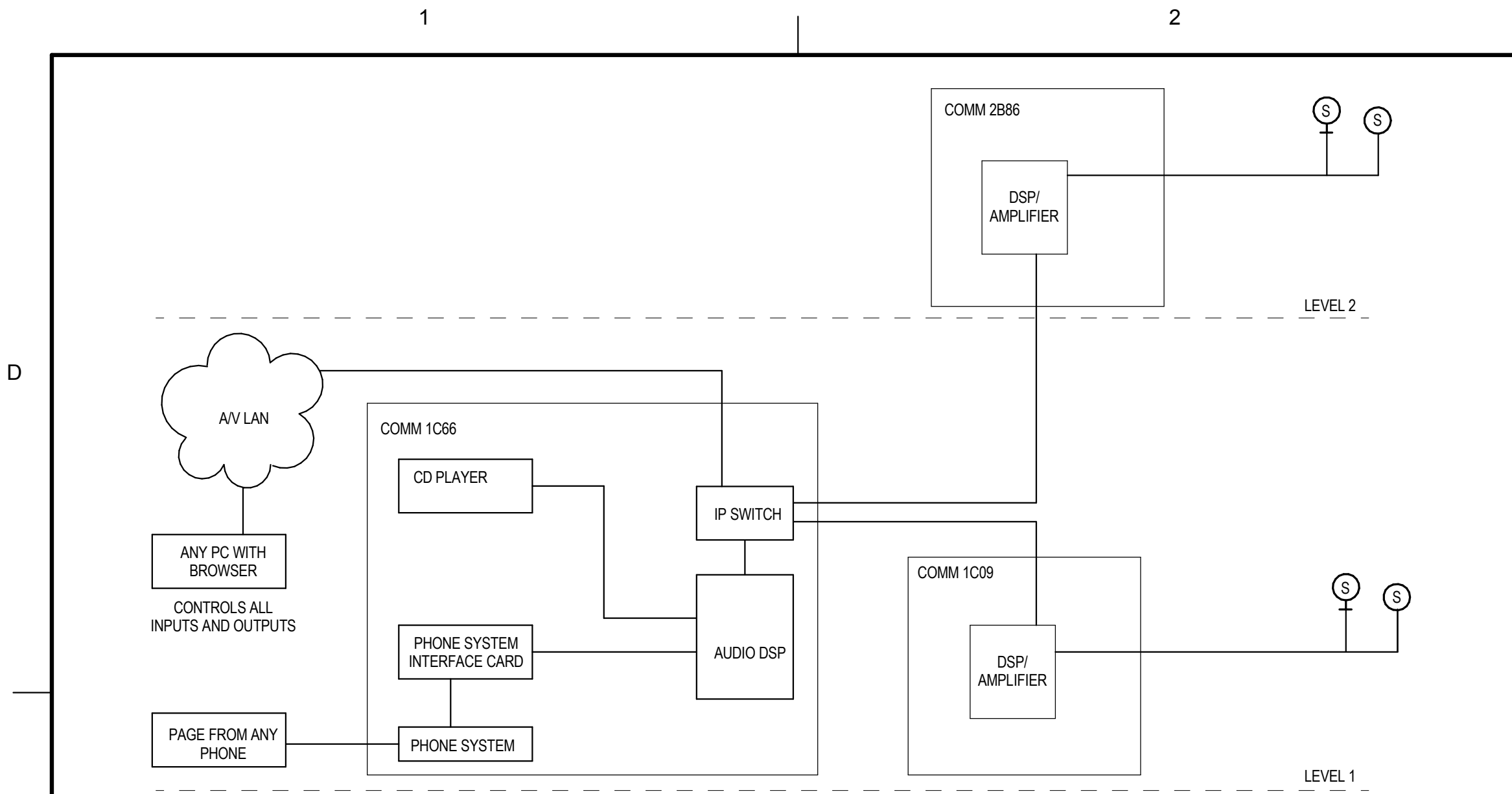
CONSTR. CONTR. NO. N62470-09-D-9044

NAVFAC DRAWING NO. 13066132

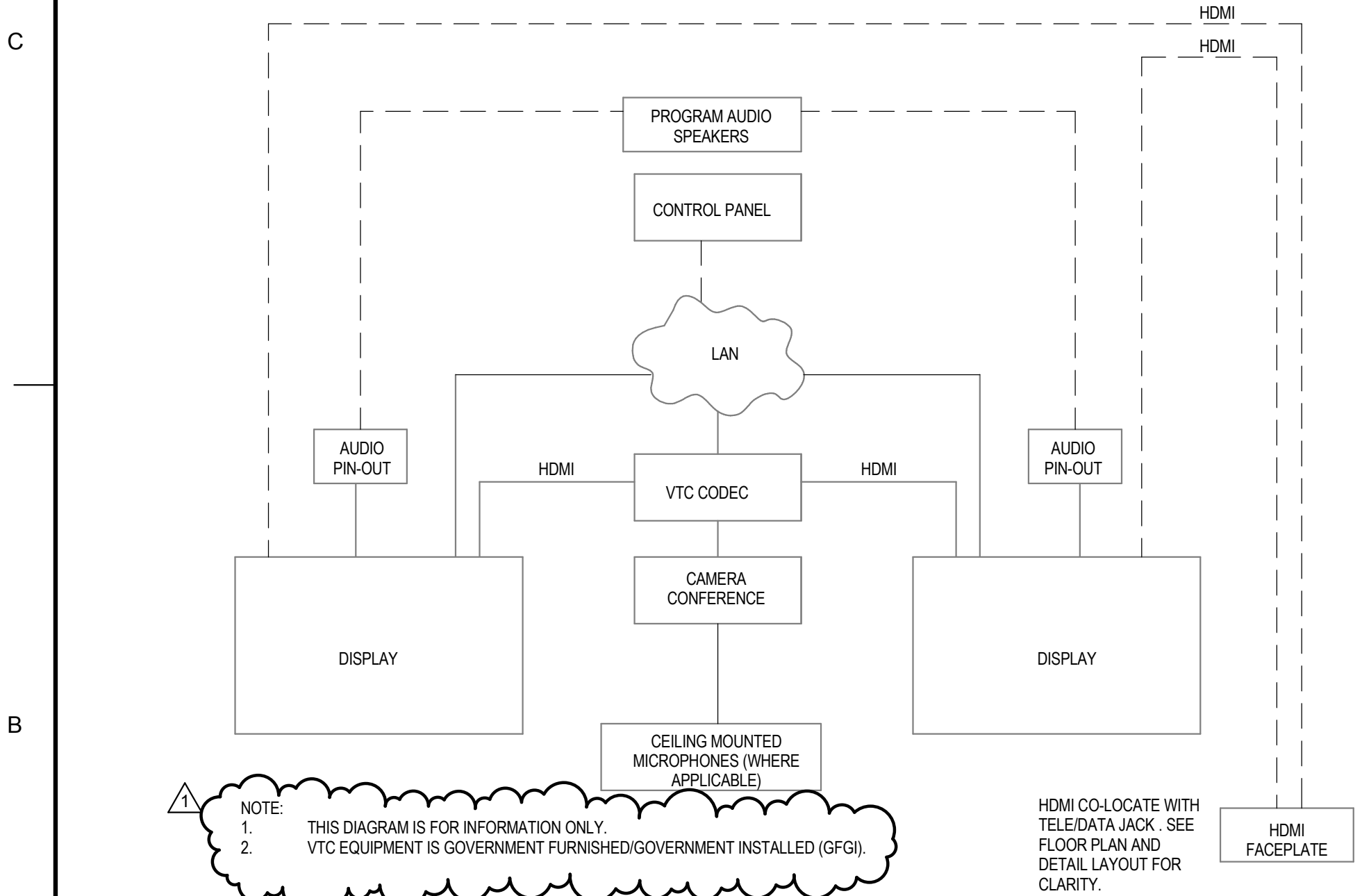
SHEET 0 OF 0

T-601

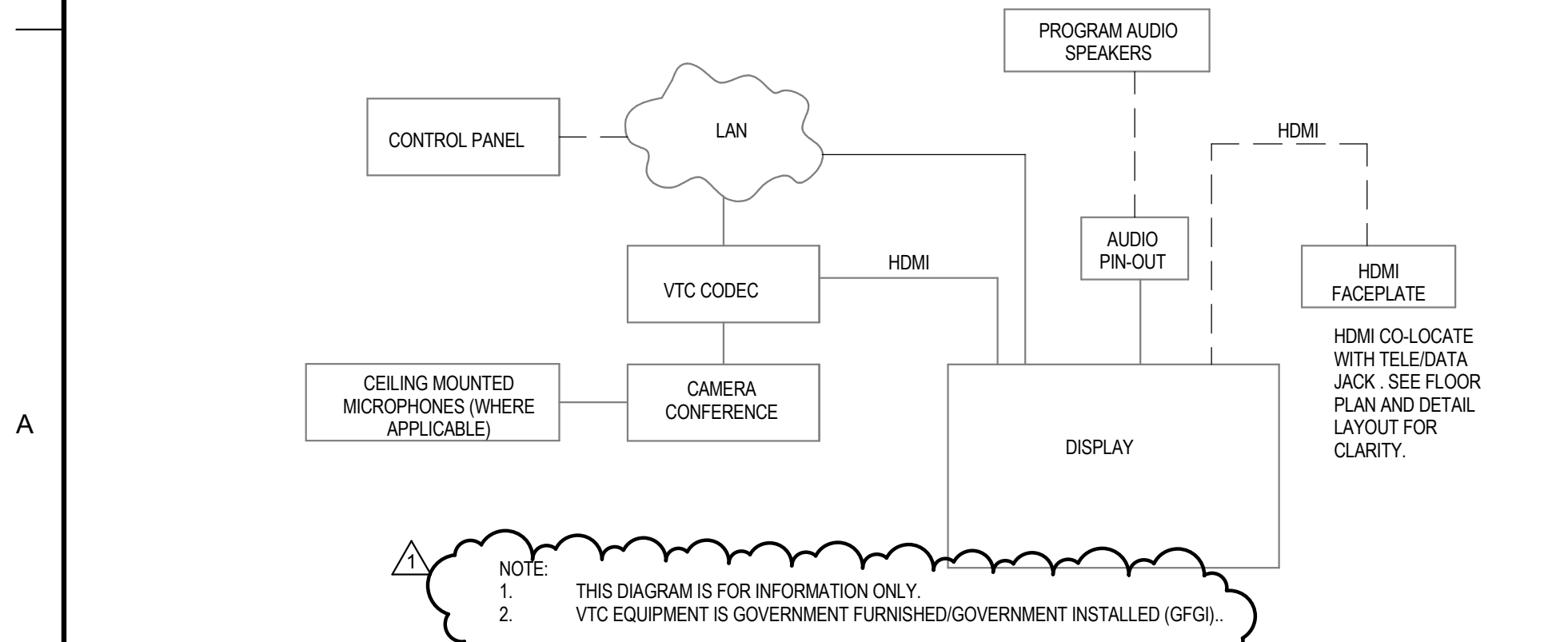




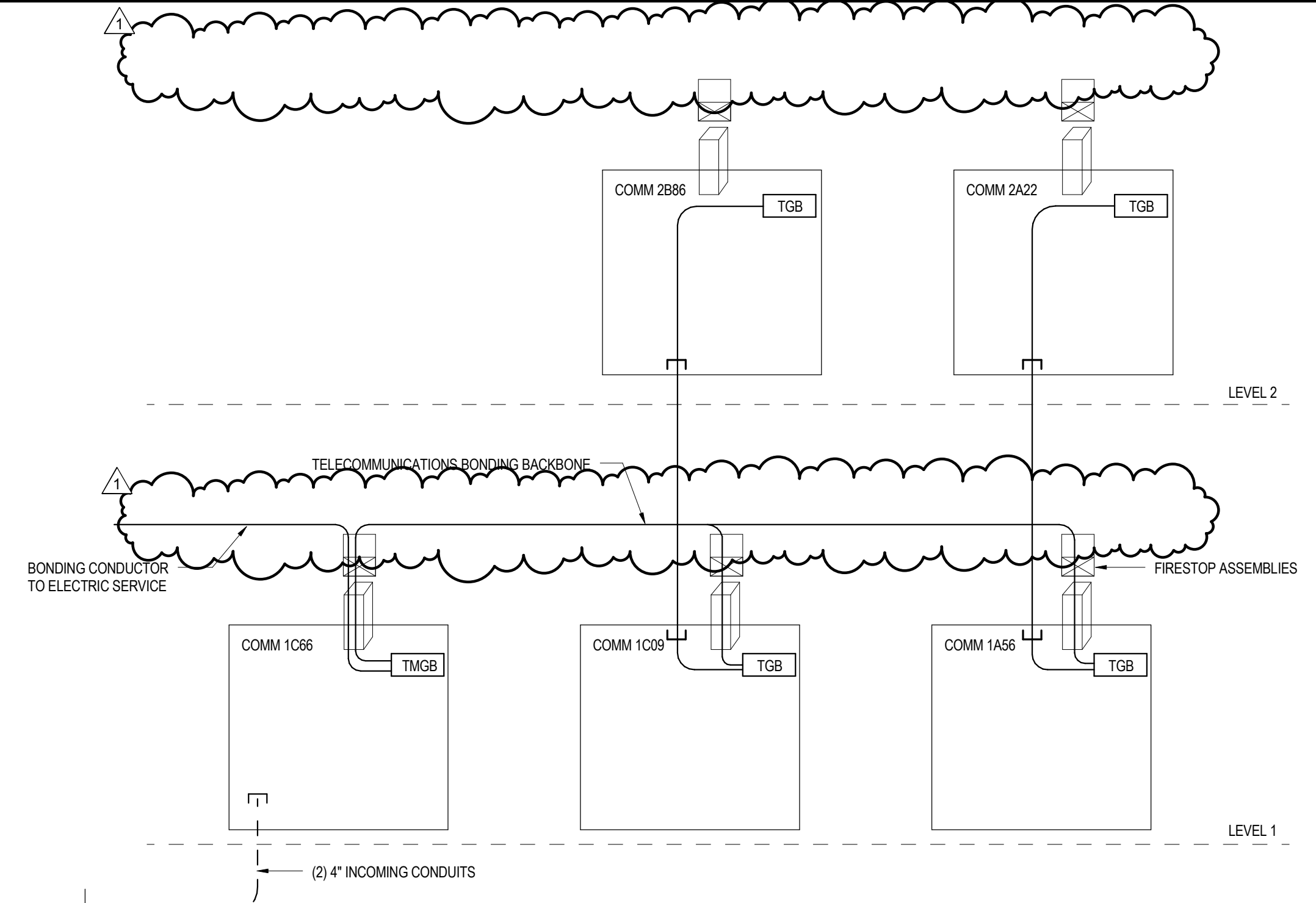
1 PUBLIC ADDRESS DISTRIBUTION DIAGRAM  
NOT TO SCALE



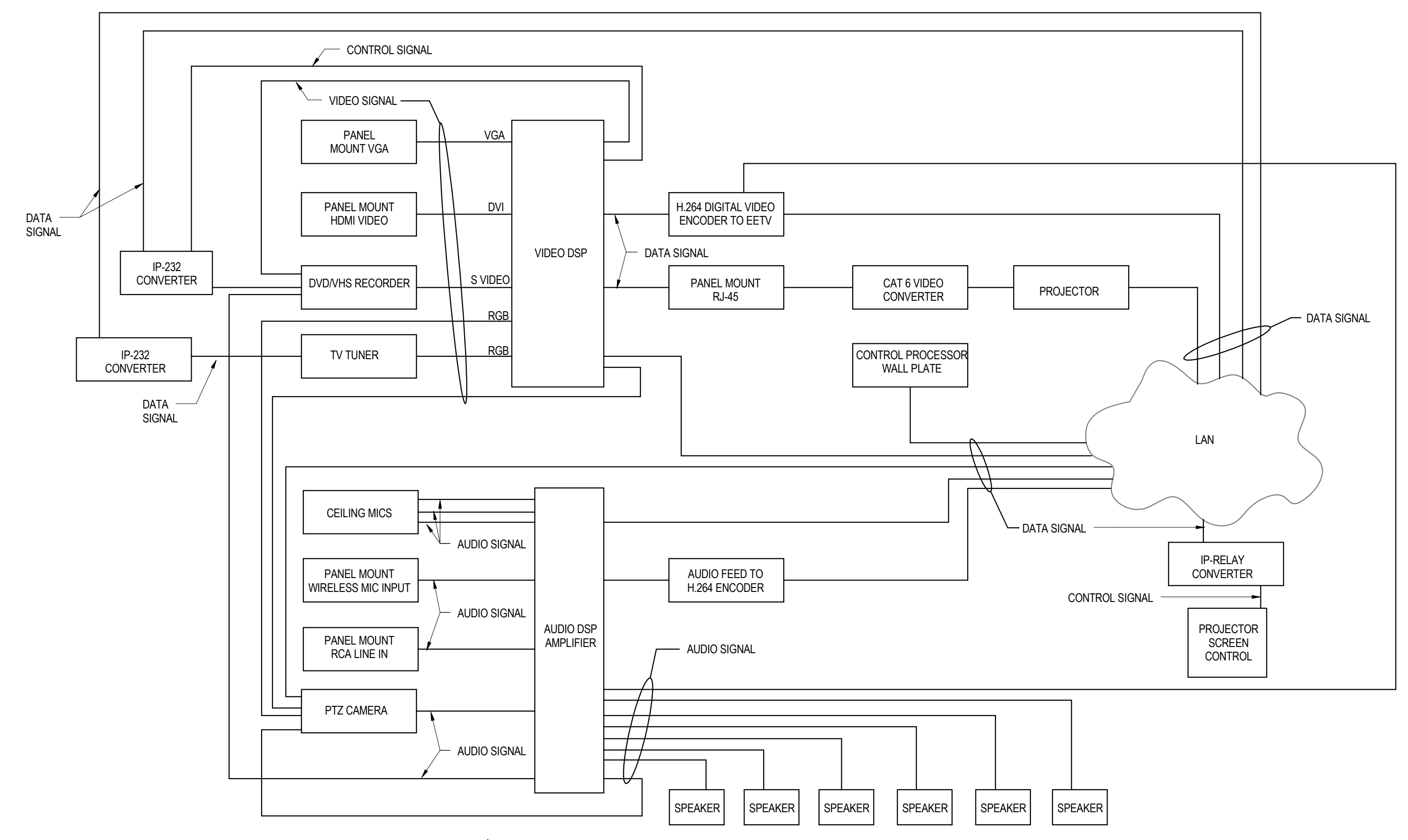
3 DOUBLE DISPLAY VIDEO CONFERENCE SYSTEM CONNECTION  
NOT TO SCALE



4 SINGLE DISPLAY VIDEO CONFERENCE SYSTEM CONNECTION  
NOT TO SCALE



2 COMM BONDING AND GROUNDING RISER  
NOT TO SCALE



5 AUDIO VIDEO SINGLE-LINE - CHAPEL  
NOT TO SCALE

GENERAL NOTES:  
A. NOTE REMOVED  
B. THIS DIAGRAM IS DIAGRAMMATIC AND REFLECT DESIGN INTENT TO CONVEY THE EXTENT AND GENERAL ARRANGEMENT AND LOCATION OF THE WORK. CONTRACTOR TO PROVIDE A COMPLETE AND OPERATIONAL SYSTEM.  
C. DEVICES SHOWN ON RISER DIAGRAM MAY NOT BE REFLECTIVE OF ACTUAL DEVICE QUANTITY AND CONFIGURATION. REFER TO FLOOR PLANS FOR DEVICE QUANTITY.

KEYED NOTES:

1 FINAL CORRECTED SET 11/04/15		
100% FINAL DESIGN SUBMISSION 02/14/14		
65% SUBMITTAL 11/25/13		
35% SUBMITTAL 03/08/13		
SYM	DESCRIPTION	DATE

ARCHITECTURE | ENGINEERING & CONSULTING  
1101 KING STREET  
SUITE 400  
ALEXANDRIA, VIRGINIA 22314  
703-518-8800

APPROVED  
FOR COMMANDER NAVFAC  
ACTIVITY  
SATISFACTORY TO DATE  
DES TGC | DRW ALN | CHK EMS  
PMCM CHEMENJUI/HILL  
BRANCH MANAGER N/A  
CHIEF ENGINEER TOM COX

NAVAL FACILITIES ENGINEERING COMMAND ~ AGENCY BASE - CITY, STATE  
BETHESDA, MD  
PROJECT STATION/INSTALLATION  
P125 - TEMPORARY MEDICAL FACILITIES  
PACKAGE 2 - CLINIC BUILDING  
TELECOMMUNICATIONS DIAGRAMS

SCALE: NOT TO SCALE  
EPROJCT NO.: 1151333  
CONSTR. CONTR. NO. N62470-09-D-9044  
NAVFAC DRAWING NO. 13066133  
SHEET 05 OF 0  
T-602